



Corridor Program

Congestion Relief & Bus Rapid Transit Projects

APPENDIX M1

CONCEPTUAL PLANS

**I-405, SR520 to SR522 Stage 1
(Kirkland Stage 1)**

Draft RFP
March 22, 2005



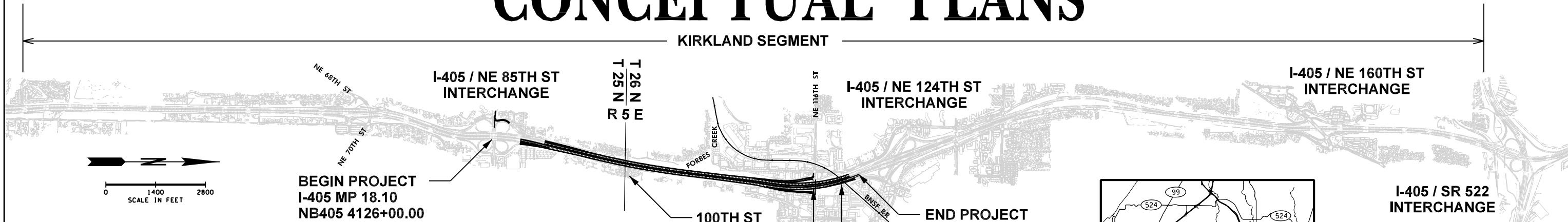
**Washington State
Department of Transportation**

I-405

SR 520 TO SR 522

STAGE 1

CONCEPTUAL PLANS



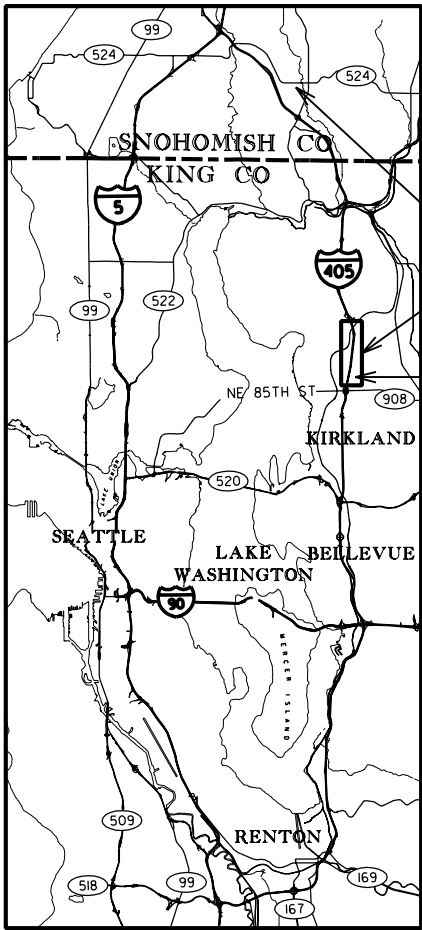
STAGE 1 INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
1	T1	TITLE, INDEX & VICINITY MAP
2	T2	GENERAL NOTES AND LEGEND
3	RS1	ROADWAY SECTIONS
4 - 14	PV1 - PV9	ALIGNMENT AND PAVING
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59 - 60	RWP1 - RWP2	RETAINING AND NOISE WALL PROFILES
61	IL1	ILLUMINATION PLAN
62 - 66	IT1 - IT5	ITS PLANS
67 - 74	SG1 - SG8	GUIDE SIGN PLAN
75 - 76	BR1 - BR2	BRIDGE LAYOUT PLAN
77 - 81	FC1 - FC5	FORBES CREEK CULVERT

100TH ST
PEDESTRIAN
BRIDGE, NOT
INCLUDED IN
PROJECT

BRIDGE NO. 405/56E & 405/56W
OVERLAY REMOVAL AND
REPLACEMENT
INCLUDED IN PROJECT

BRIDGE NO. 405/55E & 405/55W
INCLUDED IN PROJECT



THRASHERS CORNER
WETLAND MITIGATION SITE

PROJECT
LOCATION

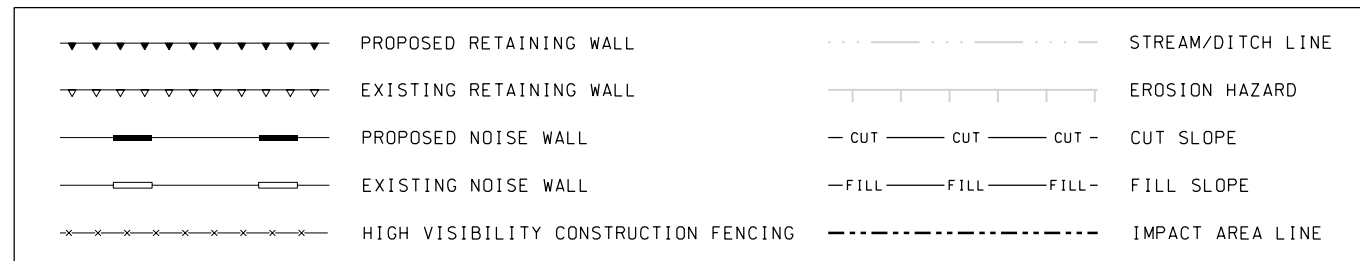
FORBES LAKE WETLAND
MITIGATION SITE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

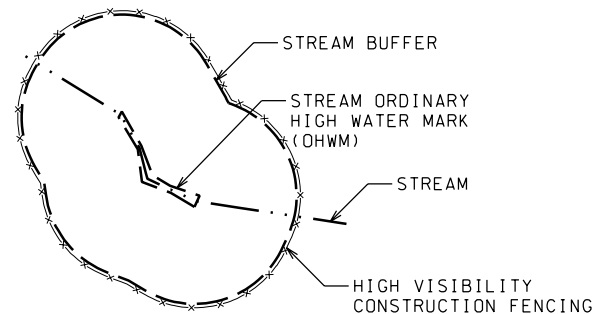
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TIME 2:47:42 PM				JOB NUMBER		LOCATION NO.		DATE		P.E. STAMP BOX		DATE		STAGE 1		TITLE, INDEX & VICINITY MAP		SHEET 1 OF 81 SHEETS				
DATE 3/16/2005				CONTRACT NO.				DATE		P.E. STAMP BOX		DATE										
PLOTTED BY chris								DATE		BY												
DESIGNED BY C. SAXE								DATE		BY												
ENTERED BY C. SAXE								DATE		BY												
CHECKED BY W. TAYLOR								DATE		BY												
PROJ. ENGR. K. HENRY								DATE		BY												
REGIONAL ADM. D. DYE								DATE		BY												

ROADWAY PLAN LEGEND

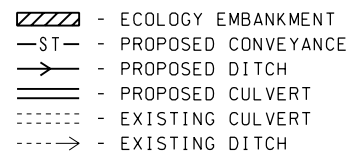


ENVIRONMENTALLY SENSITIVE AREA LEGEND:

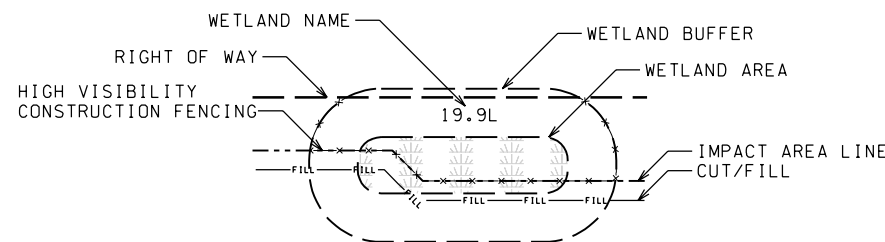
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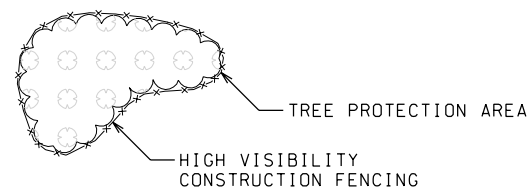
DRAINAGE LEGEND:



WETLAND LEGEND:



TREE PROTECTION LEGEND:



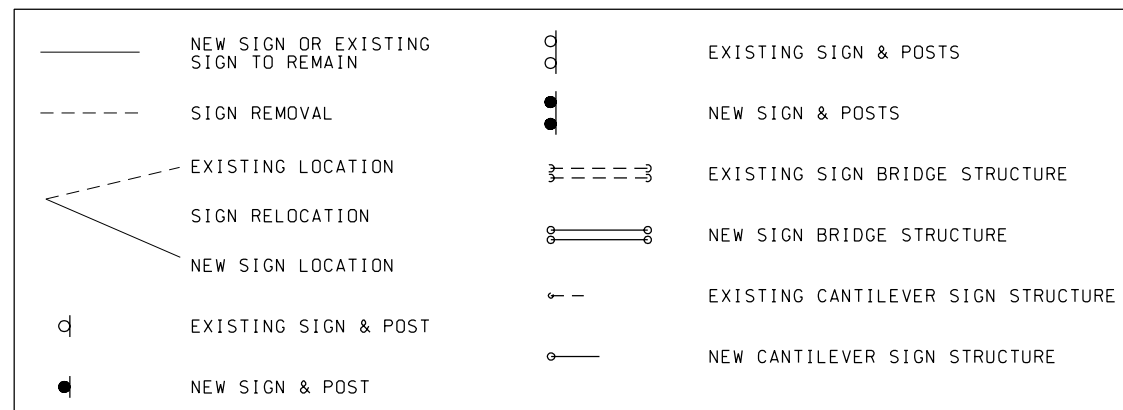
GENERAL NOTES:

1. THE CONCEPTUAL PLANS ARE FOR REFERENCE ONLY -- NOT FOR CONSTRUCTION.
2. THE INFORMATION CONTAINED IN CONCEPTUAL PLANS IS NOT A COMPLETE DESIGN. THE DESIGN HAS BEEN DEVELOPED TO ESTABLISH CONSTRUCTION FEASIBILITY AND PROVIDE BASE DOCUMENTS FOR DESIGN-BUILD TEAMS TO DEVELOP PROPOSALS. MANY DESIGN ELEMENTS ARE NOT INCLUDED IN THE CONCEPTUAL PLANS (GUARDRAIL, CONCRETE BARRIER, ETC), BUT ARE INCLUDED IN THE PROJECT SCOPE OF WORK. THE DESIGN-BUILDER WILL BE RESPONSIBLE FOR A COMPLETE DESIGN AND FINISHED PRODUCT AS SPECIFIED IN THE CONTRACT DOCUMENTS.
3. IF THERE IS A CONFLICT BETWEEN THE CONCEPTUAL PLANS AND THE CONTRACT DOCUMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN.
4. ALL ENVIRONMENTALLY SENSITIVE AREAS MUST BE FENCED WITH HIGH VISIBILITY CONSTRUCTION FENCING SET OUTSIDE OF THE BUFFER ZONE, OR DEPICTED AREA -- SEE WETLAND LEGEND. ALL ENVIRONMENTALLY SENSITIVE AREA INFORMATION WILL BE PROVIDED TO THE DESIGN-BUILDER ELECTRONICALLY IN MICROSTATION DESIGN FILES. HIGH VISIBILITY CONSTRUCTION FENCING SHALL BE SET BY FIELD SURVEYING POINTS TAKEN FROM THE SHAPES DEPICTED IN MICROSTATION FILES.
5. PAVEMENT WIDENING REQUIRES REMOVAL OF THE EXISTING SHOULDER PAVEMENT. PAVEMENT TO BE RECONSTRUCTED AND PAVEMENT TO BE WIDENED HAS BEEN DEPICTED SEPARATELY ON THE CONCEPTUAL PLANS TO ASSIST WITH THE DEVELOPMENT OF ENVIRONMENTAL DOCUMENTS.
6. THE SOUND TRANSIT TOTEM LAKE/NE 128TH STREET HOV DIRECT ACCESS/FREEWAY STATION PROJECT WILL BE UNDER CONSTRUCTION CONCURRENT WITH THIS PROJECT. THE EXISTING TOPOGRAPHY SHOWN ON THESE CONCEPTUAL PLANS HAS BEEN MODIFIED (NORTH OF THE BNSF R/R BRIDGES) TO INCLUDE THE FULLY CONSTRUCTED TOTEM LAKE FREEWAY STATION PROJECT BY PASTING THAT ELECTRONIC DESIGN FILE INTO THE TOPOGRAPHIC FILE.

ENVIRONMENTALLY SENSITIVE NOTES

1. DESIGN FOOTPRINT (CUT/FILL LINE): THE DESIGN CUT/FILL LINE ESTABLISHED BY THE PROPOSED ROADWAY PRISM AND DRAINAGE FEATURES (VAULTS, PONDS ETC.).
2. IMPACT AREA LINE: GENERALLY A PARALLEL OFFSET OF 10 FEET TO THE SMOOTHED CUT/FILL LINE, OR AS SHOWN ON THE CONCEPTUAL PLANS. THE IMPACT AREA LINE WAS USED TO ESTABLISH ENVIRONMENTAL IMPACTS, MITIGATION AREAS AND TOTAL DISTURBED (CLEAR AND GRUB) ACREAGE.
3. THE DESIGN-BUILDER SHALL ERECT TEMPORARY HIGH VISIBILITY CONSTRUCTION FENCING AROUND THE PERIMETER OF EACH ENVIRONMENTALLY SENSITIVE AREA AS BOUNDED BY THE WSDOT RIGHT-OF-WAY AND THE IMPACT AREA LINE - AS DEPICTED ON THE CONCEPTUAL PLANS. NO WORK SHALL BE ALLOWED WITHIN THESE FENCED AREAS.

SIGNING PLAN LEGEND



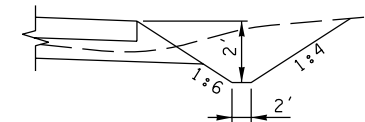
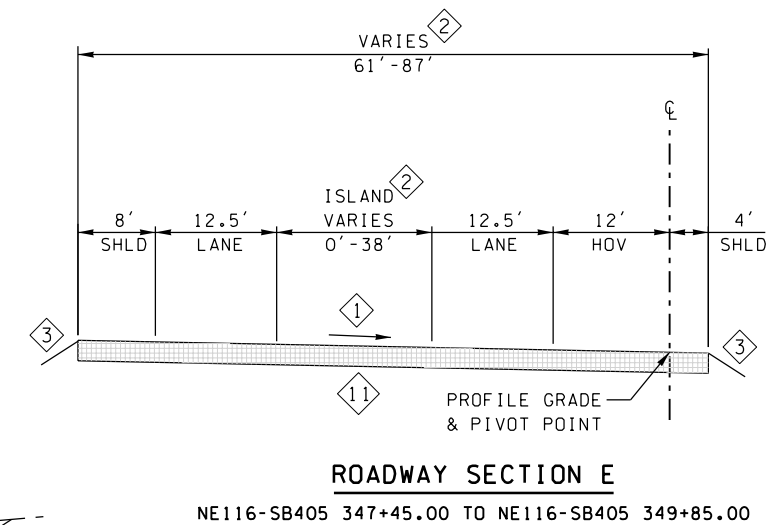
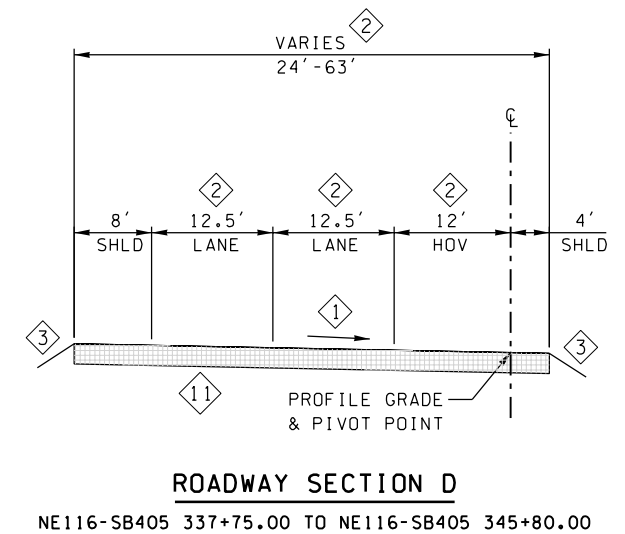
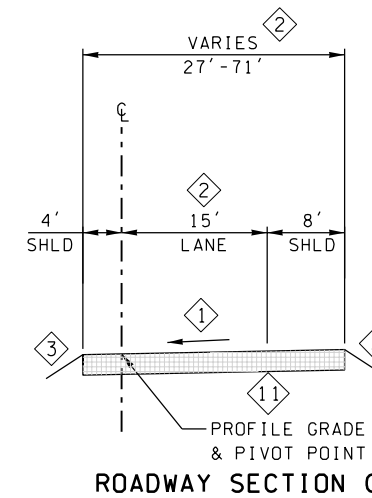
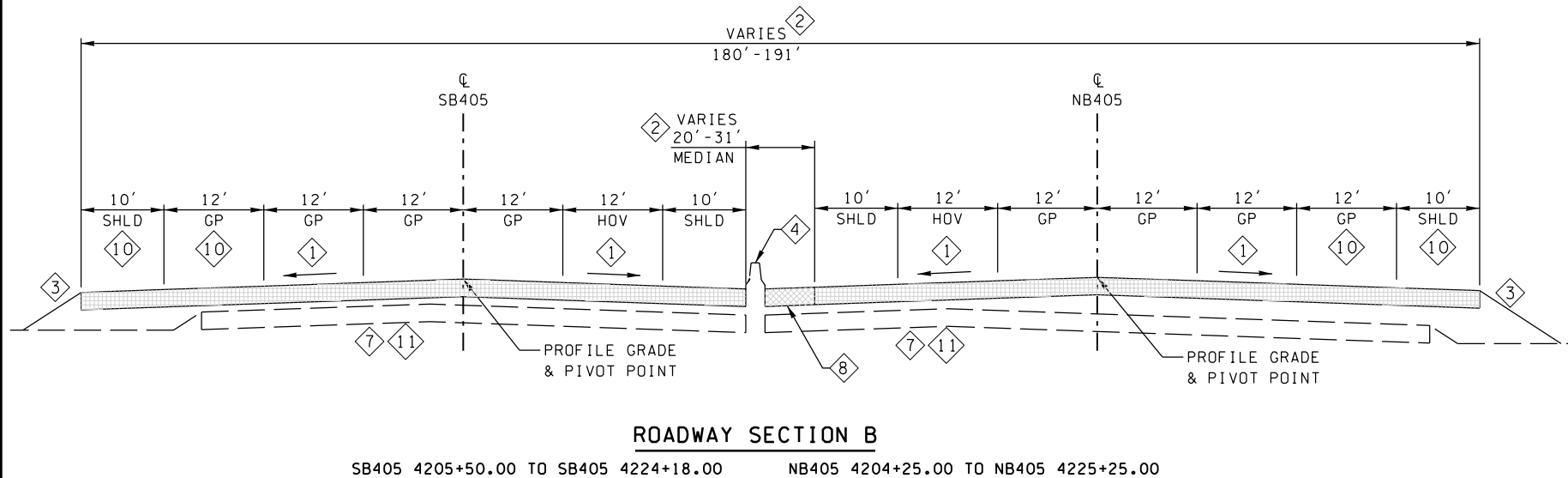
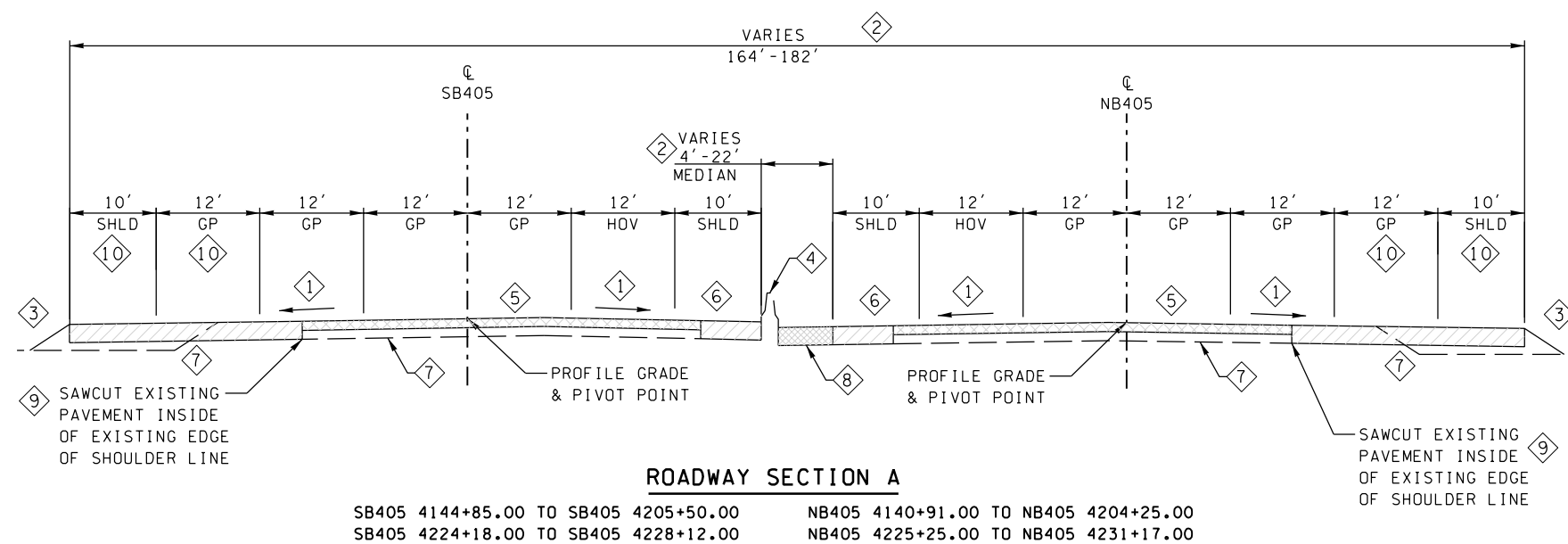
SIGNING PLAN NOTES:

1. ALL SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED BY THE DESIGN-BUILDER IN CONSULTATION WITH WSDOT.
2. RELOCATED SIGN PANELS SHALL BE MOUNTED TO NEW SIGN POSTS OR SIGN STRUCTURES. EXISTING SIGN POSTS SHALL NOT BE RE-USED.
3. ALL EXISTING GUIDE SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED OR REQUIRED TO BE RELOCATED FOR CONSTRUCTION.
4. REGULATORY, WARNING AND MARKER SIGNS ARE NOT SHOWN FOR CLARITY. ALL REGULATORY, WARNING AND MARKER SIGNS WITHIN THE PROJECT LIMITS INSTALLED MORE THAN FIVE YEARS IN ADVANCE OF THE DATE THE CONTRACT IS EXECUTED SHALL BE REMOVED AND NEW SIGNS, POSTS AND FOUNDATIONS SHALL BE INSTALLED PER CURRENT DESIGN STANDARDS.
5. THE DESIGN-BUILDER SHALL DETERMINE THE LOCATION OF ANY UTILITIES PRIOR TO DRILLING HOLES OR PREPARING SIGN FOUNDATIONS.
6. HOV SIGNS SHALL INCLUDE THE HOURS OF RESTRICTION, 5 AM - 7 PM.
7. ADVANCE 128TH ST HOV EXIT SIGN TO BE PROVIDED BY OTHERS. INSTALL SIGN ON NEW SIGN STRUCTURE.

MARCH 22, 2005

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CONCEPTUAL PLANS





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NOTES:

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| <p>① CROSS SLOPE VARIES, SEE SUPERELEVATION DIAGRAM ON PROFILE AND SUPERELEVATION SHEETS.</p> <p>② DISTANCE VARIES, SEE PAVEMENT MARKING PLANS FOR LIMITS.</p> <p>③ SEE CROSS SECTIONS, APPENDIX M2, FOR SLOPE RATES, AND DRAINAGE PLANS FOR CONTOUR GRADING. BARRIER AND GUARDRAIL LOCATIONS HAVE NOT BEEN DETERMINED, AND ARE NOT SHOWN ON THESE PLANS. THE DESIGN-BUILDER SHALL DESIGN AND CONSTRUCT ALL NECESSARY BARRIER AND GUARDRAIL IN ACCORDANCE WITH CLEAR ZONE AND GRADING REQUIREMENTS. SUBGRADE IS NOT SHOWN ON TYPICAL SECTIONS. ADDITIONAL GRADING MAY BE REQUIRED TO PROPERLY DRAIN SUBGRADE INTO ROADSIDE DRAINAGE DITCHES AND FOR GUARDRAIL/BARRIER INSTALLATION.</p> <p>④ REMOVE AND REPLACE EXISTING MEDIAN BARRIER AS REQUIRED.</p> <p>⑤ 0.15' PLANE BITUMINOUS PAVEMENT AND OVERLAY.</p> <p>⑥ REMOVE AND REPLACE INSIDE SHOULDERS WITH FULL DEPTH HMA. PAVEMENT SECTION SHALL MATCH ADJACENT TRAVEL LANE.</p> | <p>⑦ EXISTING PAVEMENT SECTION CONSISTS OF APPROXIMATELY 12" HMA OVER BASE MATERIAL. THE DESIGN-BUILDER SHALL VERIFY THICKNESS AND DESIGN THE NEW PAVEMENT SECTION IN ACCORDANCE WITH SECTION 2.7 OF THE TECHNICAL SPECIFICATIONS.</p> <p>⑧ THE AREA BETWEEN THE EDGE OF SHOULDER AND THE MEDIAN BARRIER SHALL BE PAVED IN ALL LOCATIONS WHEN THE DISTANCE BETWEEN THE TWO IS 15' OR LESS. THE PAVEMENT SHALL BE THE SAME STRUCTURAL SECTION AS THE ADJACENT SHOULDER.</p> <p>⑨ THE DESIGN-BUILDER SHALL SUBMIT A DESIGN AND CONSTRUCTION METHOD FOR APPROVAL IN THE PAVEMENT REPORT WHICH ADDRESSES SAWCUT LINES WITHIN PERMANENT TRAVEL LANES TO ENSURE THAT CRACKS DO NOT PROPAGATE THROUGH THE WEARING COURSE.</p> <p>⑩ OUTSIDE LANE AND SHOULDER WIDTHS VARY AT RAMP LOCATIONS. SEE PAVEMENT MARKING PLANS FOR DETAILS.</p> <p>⑪ THE DESIGN-BUILDER SHALL DESIGN THE PAVEMENT SECTION IN ACCORDANCE WITH SECTION 2.7 OF THE TECHNICAL SPECIFICATIONS.</p> |
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LEGEND:

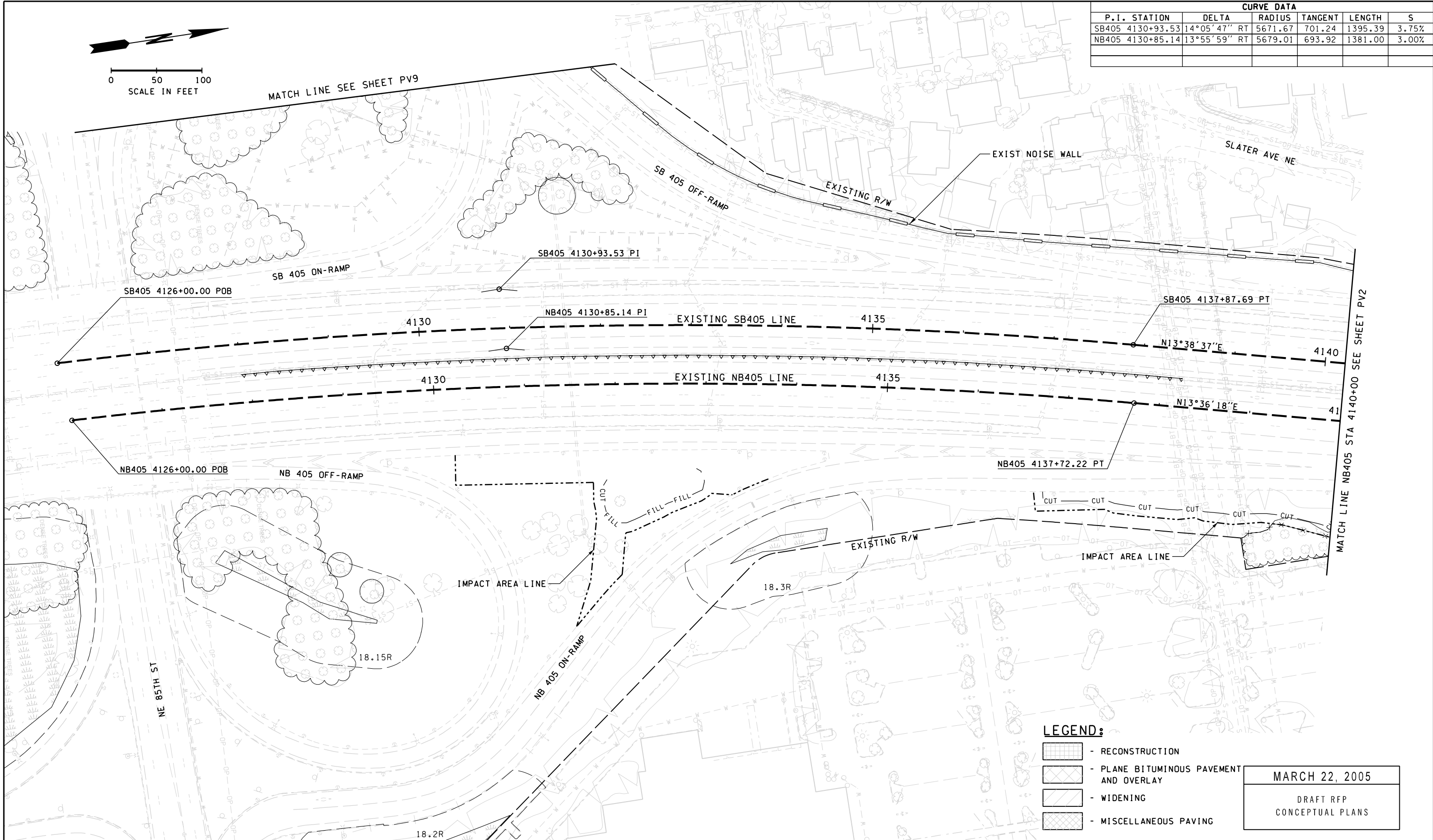
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-  - PLANE BITUMINOUS PAVEMENT AND OVERLAY
-  - WIDENING
-  - MISCELLANEOUS PAVING

MARCH 22, 2005

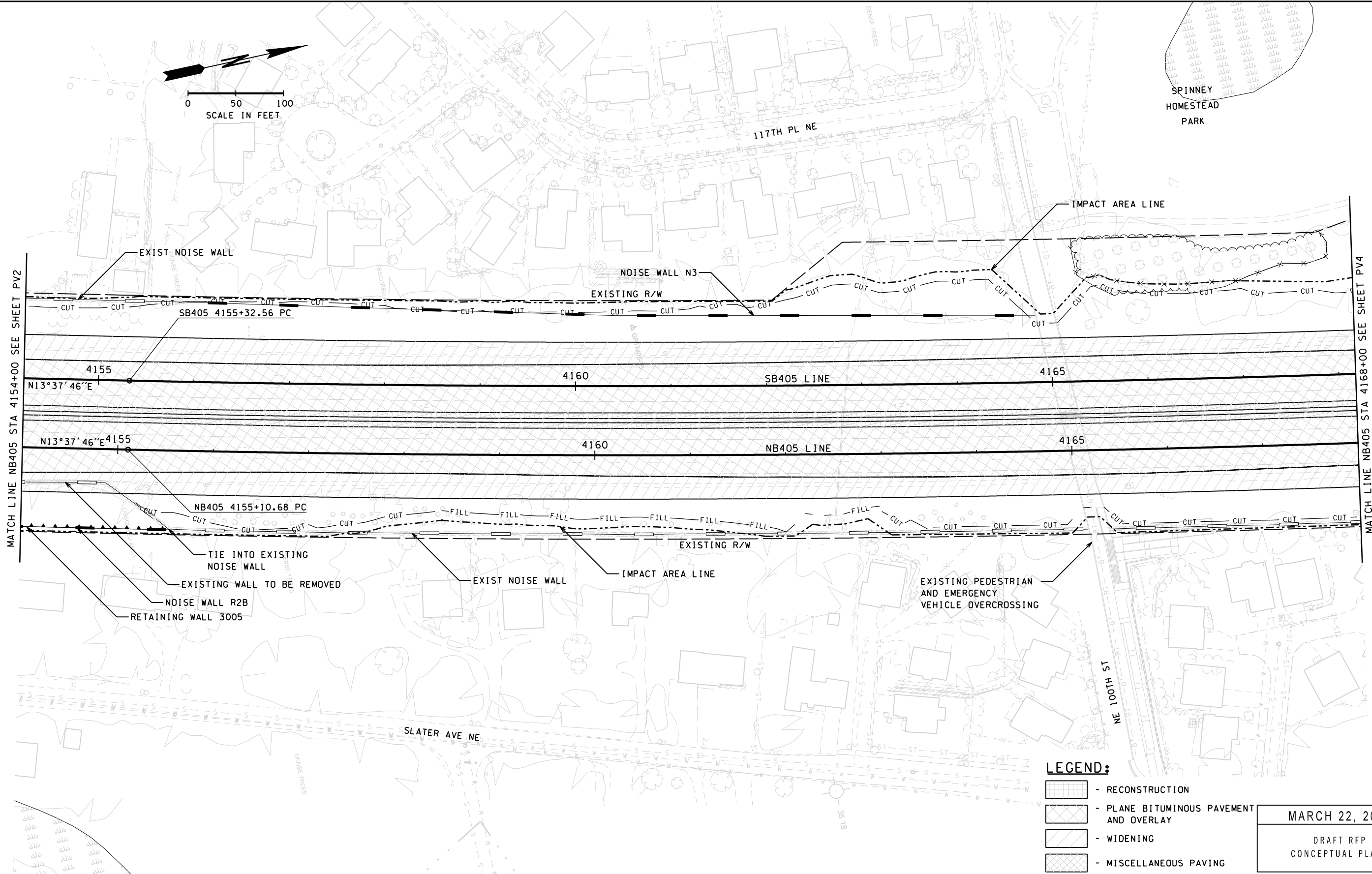
DRAFT RFP
CONCEPTUAL PLANS


[illegible]

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NB405 4130+85.14	13°55'59" RT	5679.01	693.92	1381.00	3.00%



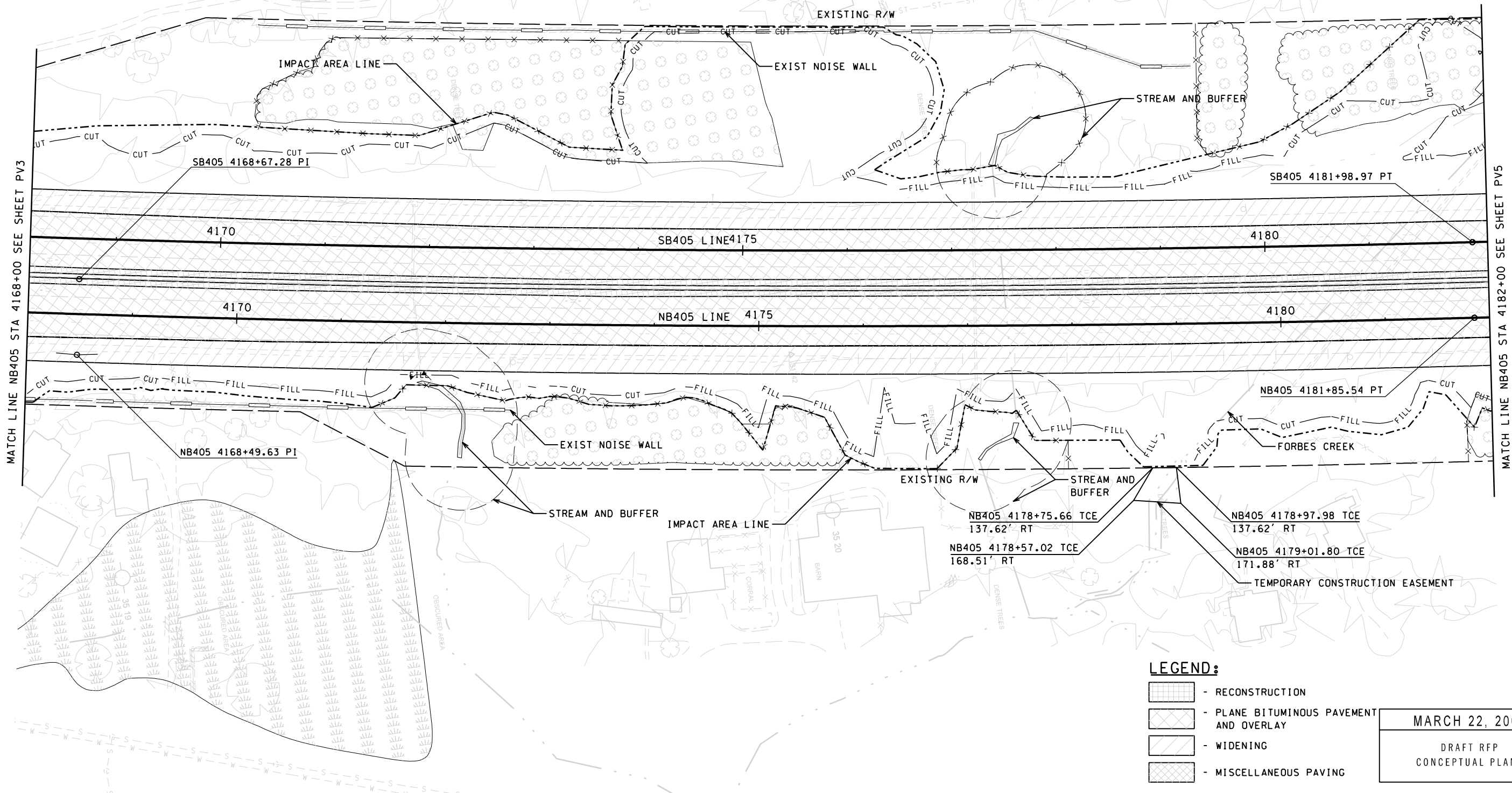
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DATE 3/16/2005								10		WASH								SHEET 4 OF 81 SHEETS			
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DESIGNED BY C. BARNETT								CONTRACT NO.		LOCATION NO.											
ENTERED BY C. SAXE																					
CHECKED BY W. TAYLOR																					
PROJ. ENGR. K. HENRY																					
REGIONAL ADM. D. DYE		REVISION		DATE		BY						DATE		DATE		ALIGNMENT AND PAVING					
												P.E. STAMP BOX		P.E. STAMP BOX							



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DESIGNED BY C. BARNETT																		
ENTERED BY C. SAXE																		
CHECKED BY W. TAYLOR																		
PROJ. ENGR. K. HENRY																		
REGIONAL ADM. D. DYE		REVISION	DATE	BY														
					DATE		DATE											
					P.E. STAMP BOX		P.E. STAMP BOX											

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0 50 100
SCALE IN FEET



LEGEND:

- RECONSTRUCTION
- PLANE BITUMINOUS PAVEMENT AND OVERLAY
- WIDENING
- MISCELLANEOUS PAVING

MARCH 22, 2005

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CONCEPTUAL PLANS

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DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

10

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

REVISION

DATE

BY

P.E. STAMP BOX

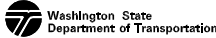
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P.E. STAMP BOX

DATE



Project Team



I-405

SR 520 TO SR 522

STAGE 1

ALIGNMENT AND PAVING

PV4

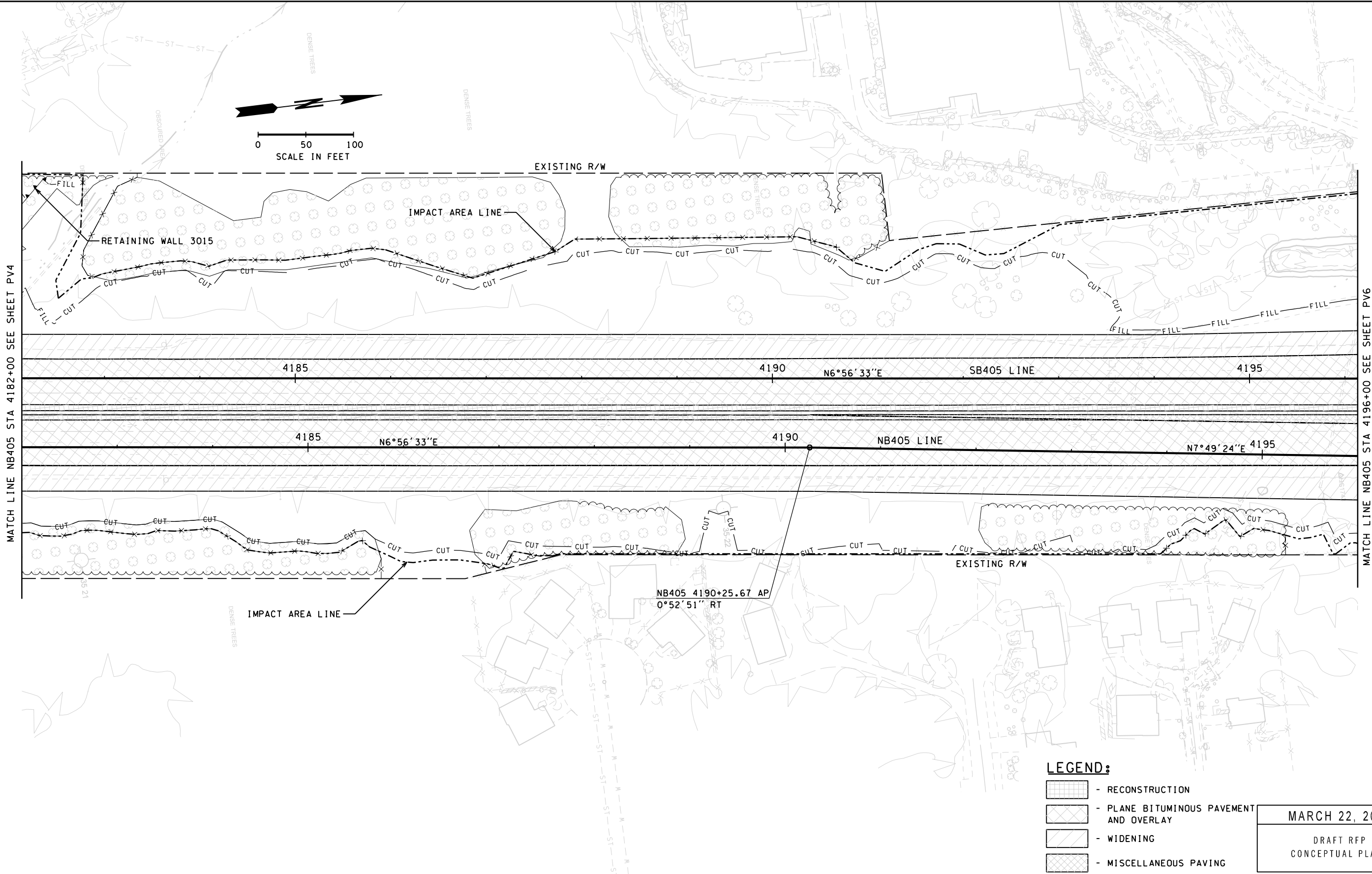
SHEET

7





OF

81

SHEETS




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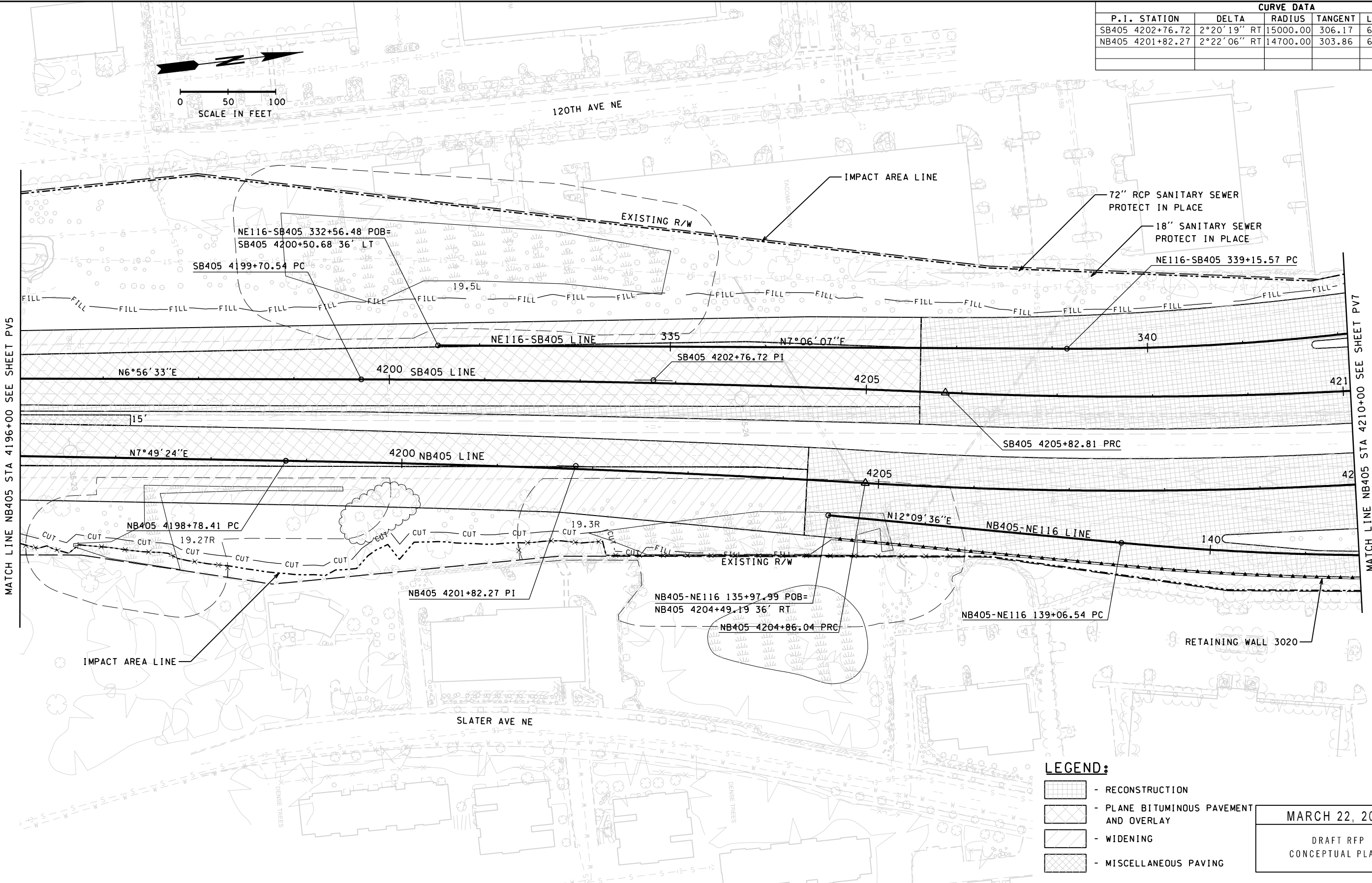
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-  - PLANE BITUMINOUS PAVEMENT AND OVERLAY
-  - WIDENING
-  - MISCELLANEOUS PAVING

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

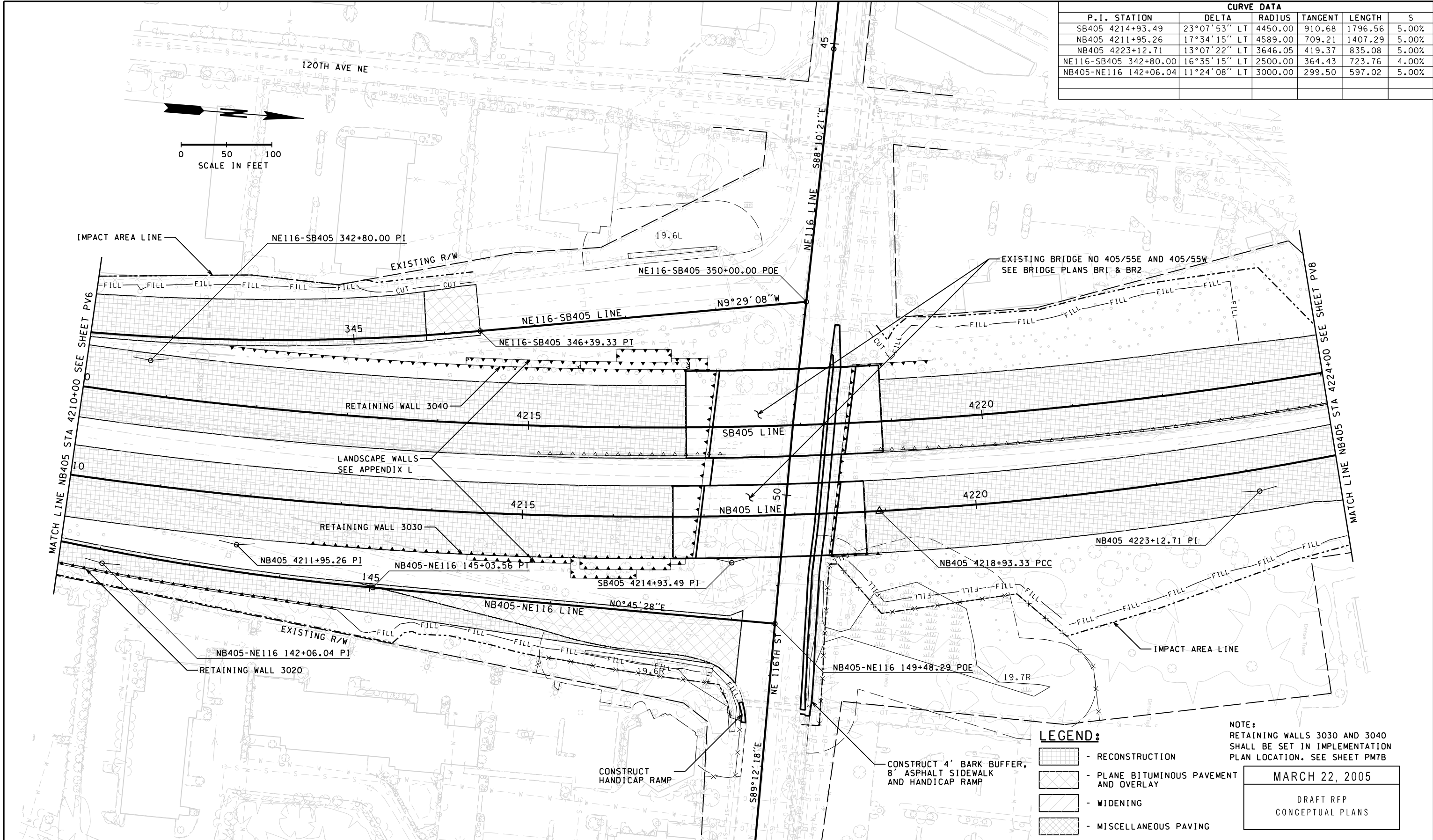
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DATE 3/16/2005																					
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CHECKED BY W. TAYLOR																					
PROJ. ENGR. K. HENRY						CONTRACT NO.															
REGIONAL ADM. D. DYE								LOCATION NO.													


CURVE DATA					
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NB405 4201+82.27	2°22'06" RT	14700.00	303.86	607.63	2.00%

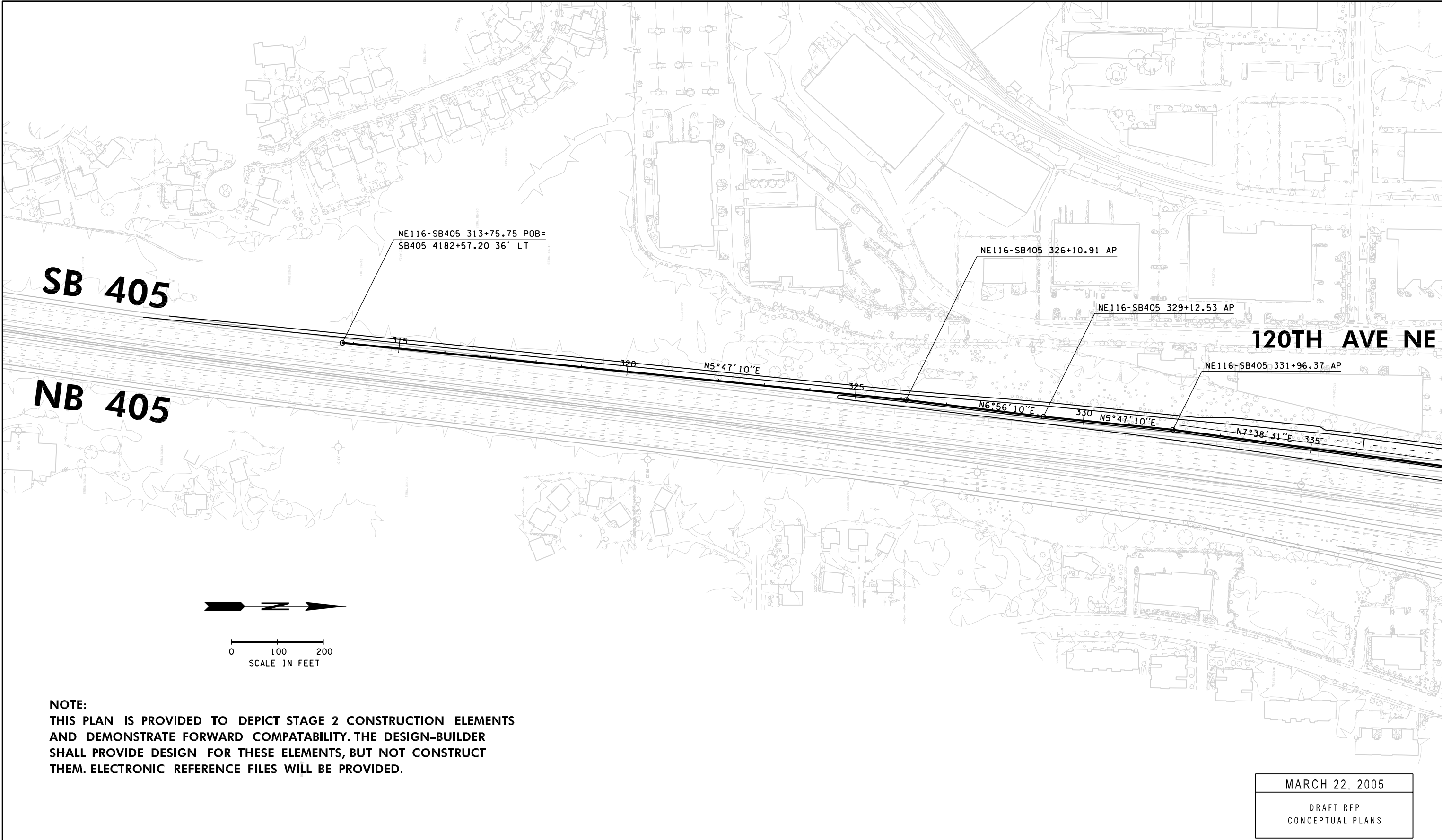


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DATE 3/16/2005												STAGE 1		SHEET 9 OF 81 SHEETS
PLOTTED BY chris												ALIGNMENT AND PAVING		
DESIGNED BY C. BARNETT														
ENTERED BY C. SAXE														
CHECKED BY W. TAYLOR														
PROJ. ENGR. K. HENRY														
REGIONAL ADM. D. DYE														
REVISION				DATE		BY								

CURVE DATA					
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SB405 4214+93.49	23°07'53" LT	4450.00	910.68	1796.56	5.00%
NB405 4211+95.26	17°34'15" LT	4589.00	709.21	1407.29	5.00%
NB405 4223+12.71	13°07'22" LT	3646.05	419.37	835.08	5.00%
NE116-SB405 342+80.00	16°35'15" LT	2500.00	364.43	723.76	4.00%
NB405-NE116 142+06.04	11°24'08" LT	3000.00	299.50	597.02	5.00%




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DATE 3/16/2005																			
PLOTTED BY chriss																			
DESIGNED BY C. BARNETT																			
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
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REGIONAL ADM. D. DYE																			
		REVISION		DATE		BY												SHEET 10 OF 81 SHEETS	

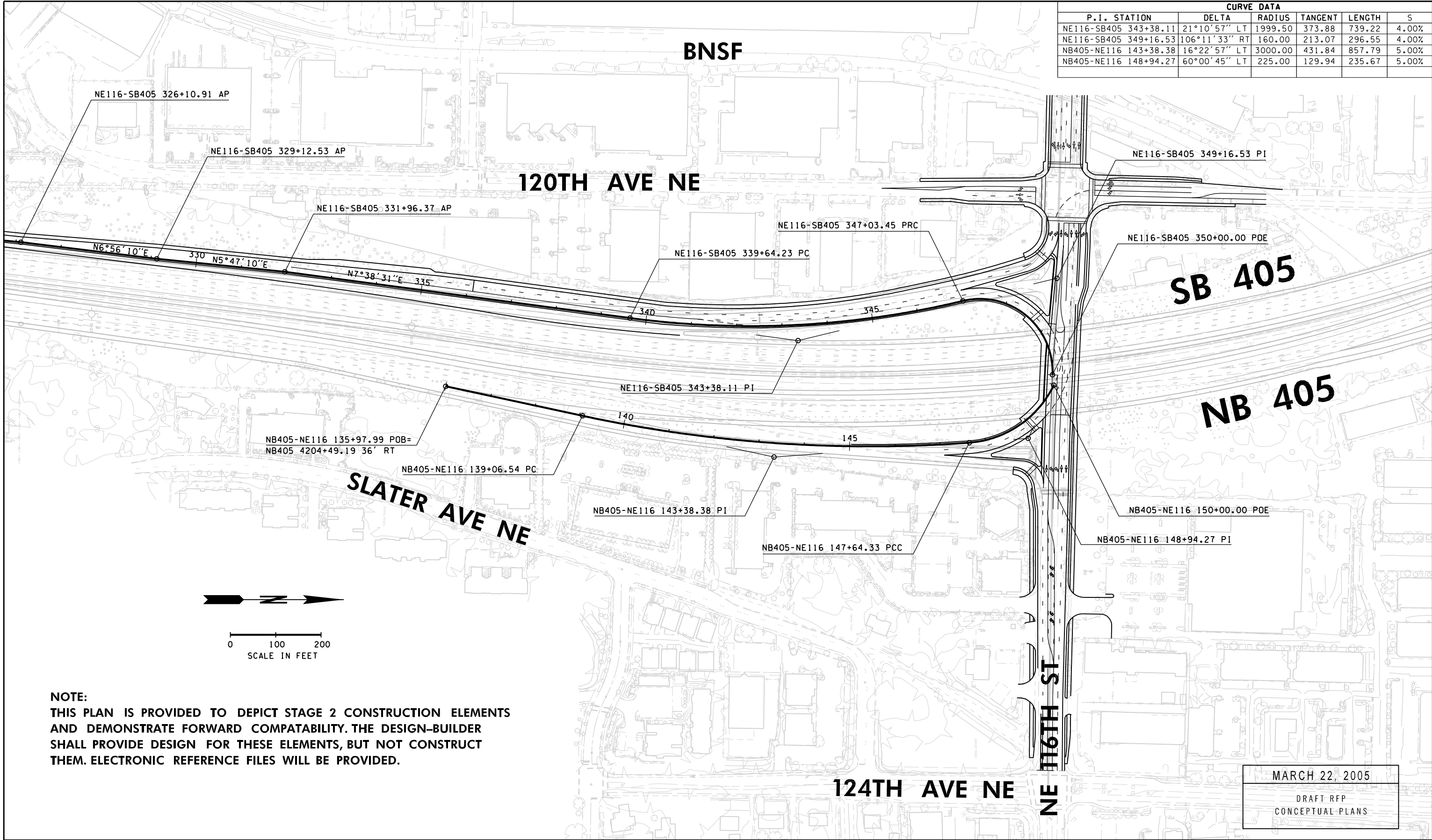


NOTE:
THIS PLAN IS PROVIDED TO DEPICT STAGE 2 CONSTRUCTION ELEMENTS
AND DEMONSTRATE FORWARD COMPATABILITY. THE DESIGN-BUILDER
SHALL PROVIDE DESIGN FOR THESE ELEMENTS, BUT NOT CONSTRUCT
THEM. ELECTRONIC REFERENCE FILES WILL BE PROVIDED.

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS


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DATE 3/16/2005								10		WASH									
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ENTERED BY C. SAXE														DATE		ALIGNMENT AND PAVING			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE				REVISION		DATE		BY						DATE		P.E. STAMP BOX		P.E. STAMP BOX	

P.I. STATION		DELTA	RADIUS	TANGENT	LENGTH	S
NE116-SB405	343+38.11	21°10'57" LT	1999.50	373.88	739.22	4.00%
NE116-SB405	349+16.53	106°11'33" RT	160.00	213.07	296.55	4.00%
NB405-NE116	143+38.38	16°22'57" LT	3000.00	431.84	857.79	5.00%
NB405-NE116	148+94.27	60°00'45" LT	225.00	129.94	235.67	5.00%

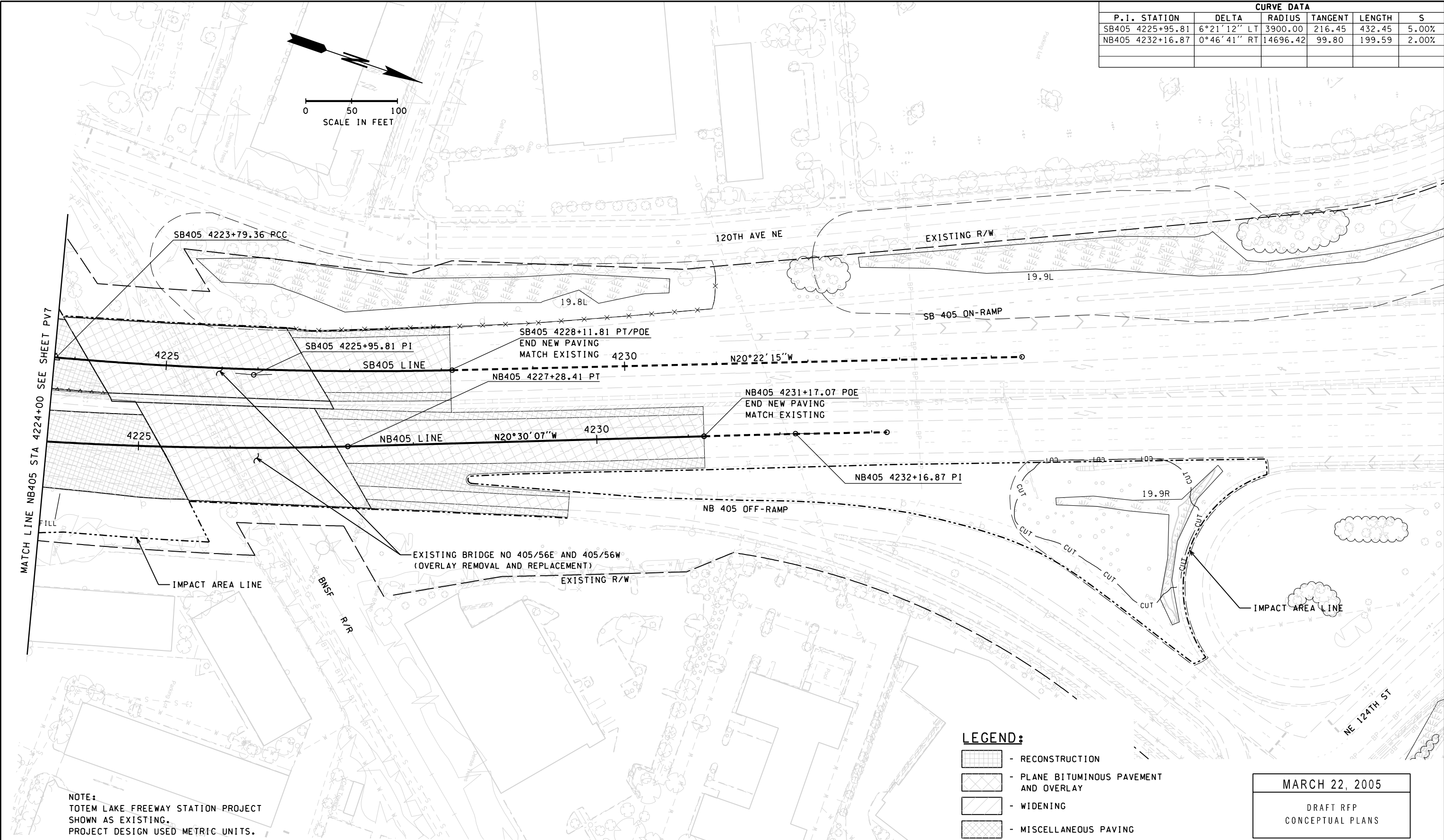


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MARCH 22, 2005
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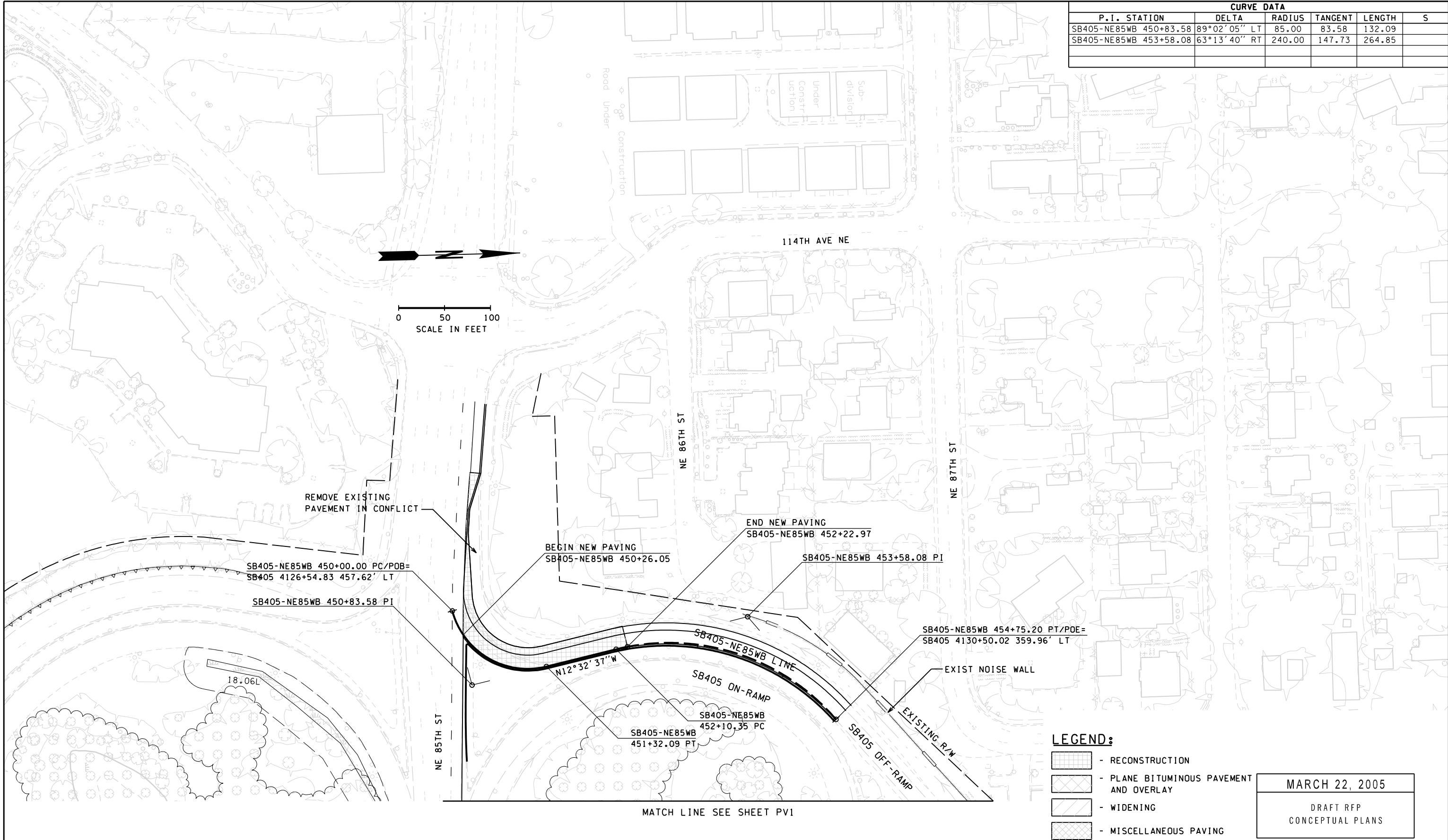
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DATE 3/16/2005									10		WASH									
PLOTTED BY chriss									JOB NUMBER											
DESIGNED BY C. BARNETT									CONTRACT NO.		LOCATION NO.									
ENTERED BY C. SAXE																				
CHECKED BY W. TAYLOR																				
PROJ. ENGR. K. HENRY																				
REGIONAL ADM. D. DYE		REVISION			DATE		BY						DATE		P.E. STAMP BOX		ALIGNMENT AND PAVING			
													DATE		P.E. STAMP BOX					

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
SB405 4225+95.81	6°21'12" LT	3900.00	216.45	432.45	5.00%
NB405 4232+16.87	0°46'41" RT	14696.42	99.80	199.59	2.00%



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_pv008_stg1.dgn														<div><div><div>INTERSTATE</div><div>405</div></div><div>Project Team</div><div><div><div></div></div>Washington State Department of Transportation</div></div>		I - 405			
TIME 2:50:23 PM						REGION NO.		STATE		FED.AID PROJ.NO.		PV8							
DATE 3/16/2005						10		WASH											
PLOTTED BY chris								JOB NUMBER											
DESIGNED BY C. BARNETT																			
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE																			

CURVE DATA					
P.I. STATION	DELTA	RADIUS	TANGENT	LENGTH	S
SB405-NE85WB 450+83.58	89°02'05" LT	85.00	83.58	132.09	
SB405-NE85WB 453+58.08	63°13'40" RT	240.00	147.73	264.85	



LEGEND:

- RECONSTRUCTION
- PLANE BITUMINOUS PAVEMENT AND OVERLAY
- WIDENING
- MISCELLANEOUS PAVING

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_pv009_stg1.dgn

TIME 2:50:36 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

10

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

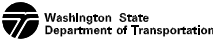
LOCATION NO.

P.E. STAMP BOX

P.E. STAMP BOX



Project Team



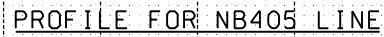
I-405
SR 520 TO SR 522

STAGE 1

ALIGNMENT AND PAVING

PV9

SHEET
14
OF
81
SHEETS



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS



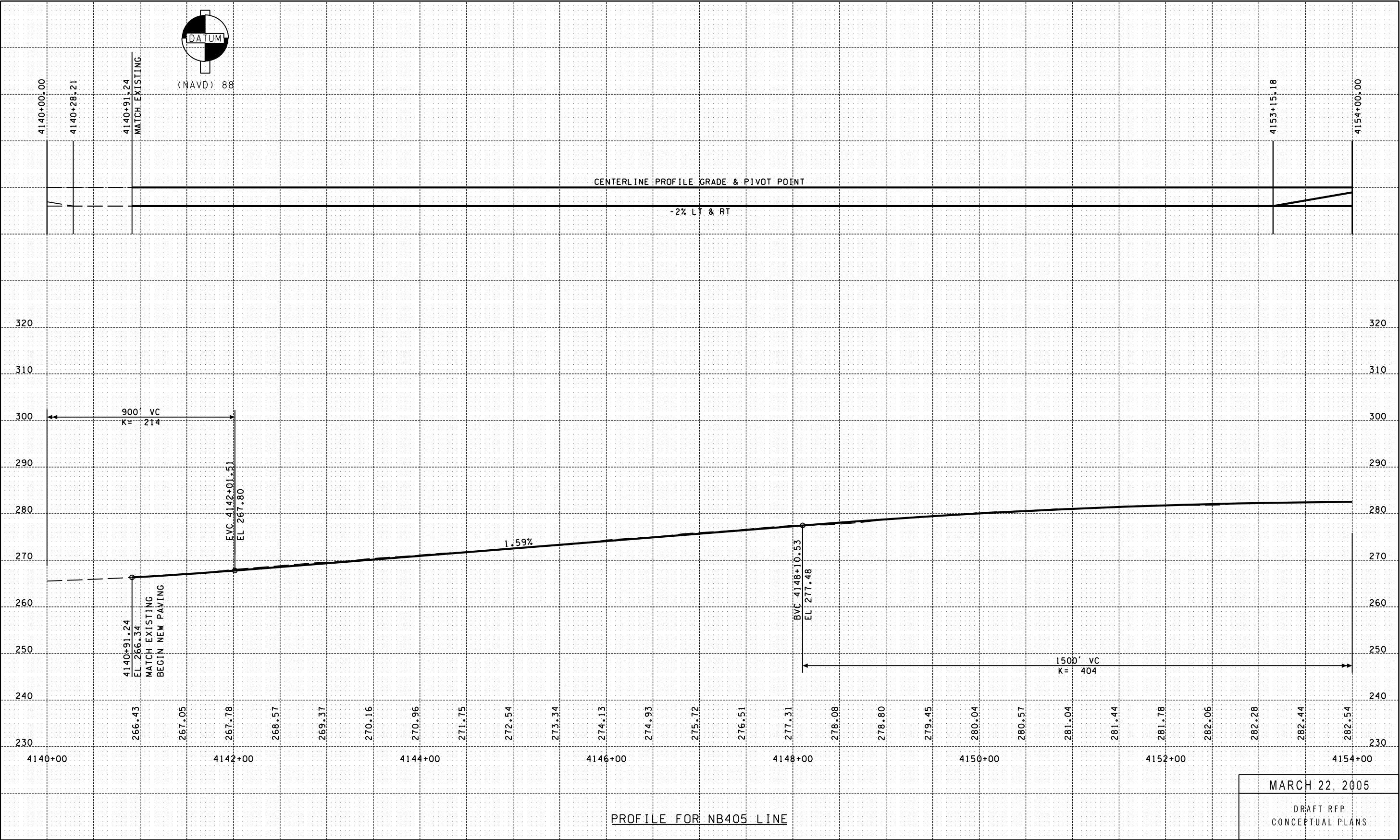
I - 405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

RP 1

SHEET
15
OF
81
SHEETS



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp002_stg1.dgn

TIME 2:51:59 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

STATE

FED.AID PROJ.NO.

10

WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

P.E. STAMP BOX

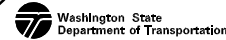
DATE

P.E. STAMP BOX

DATE



Project Team



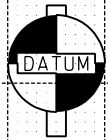
I-405
SR 520 TO SR 522

STAGE 1

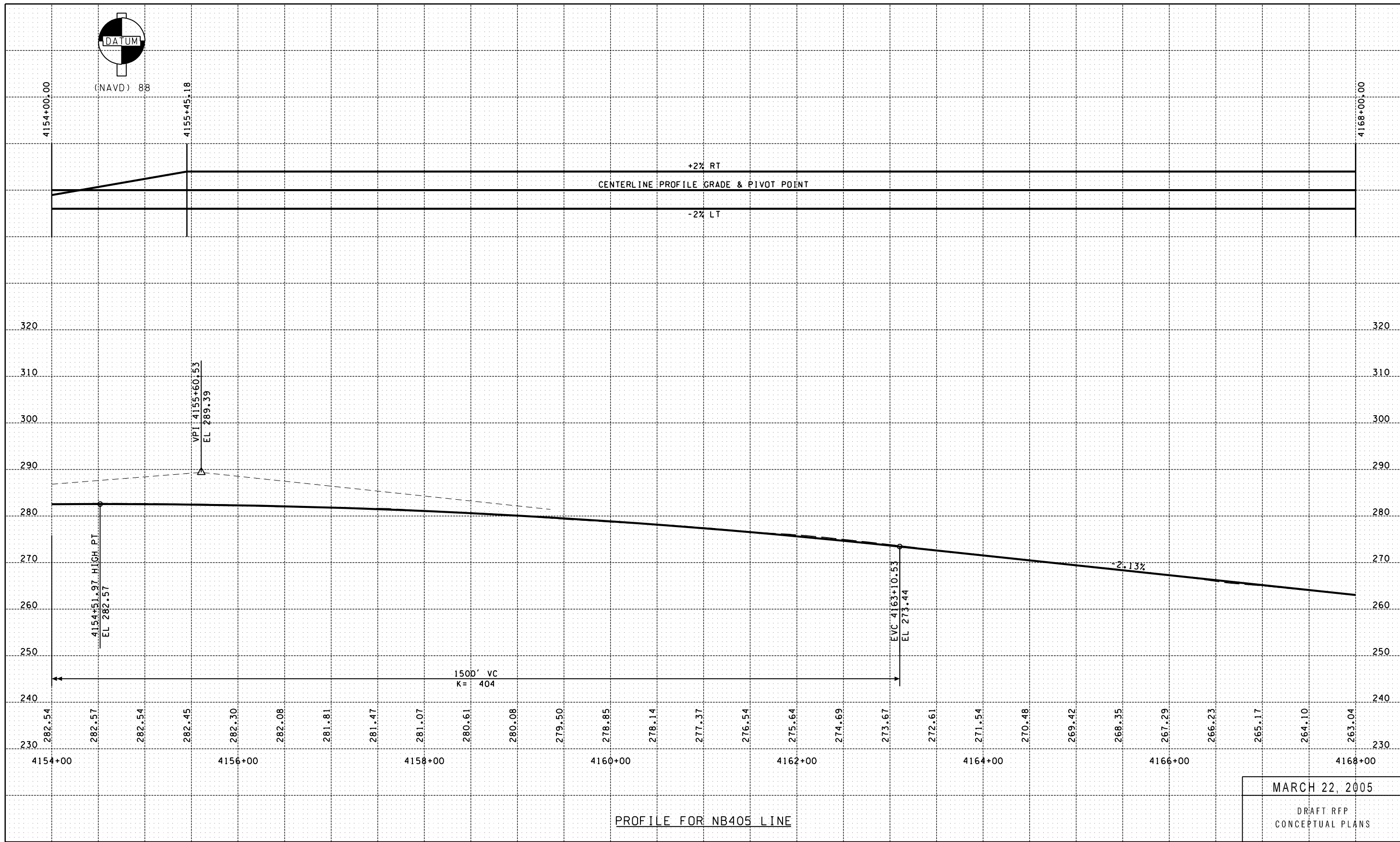
PROFILE AND SUPERELEVATION

RP2

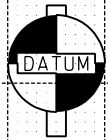
SHEET
16
OF
81
SHEETS



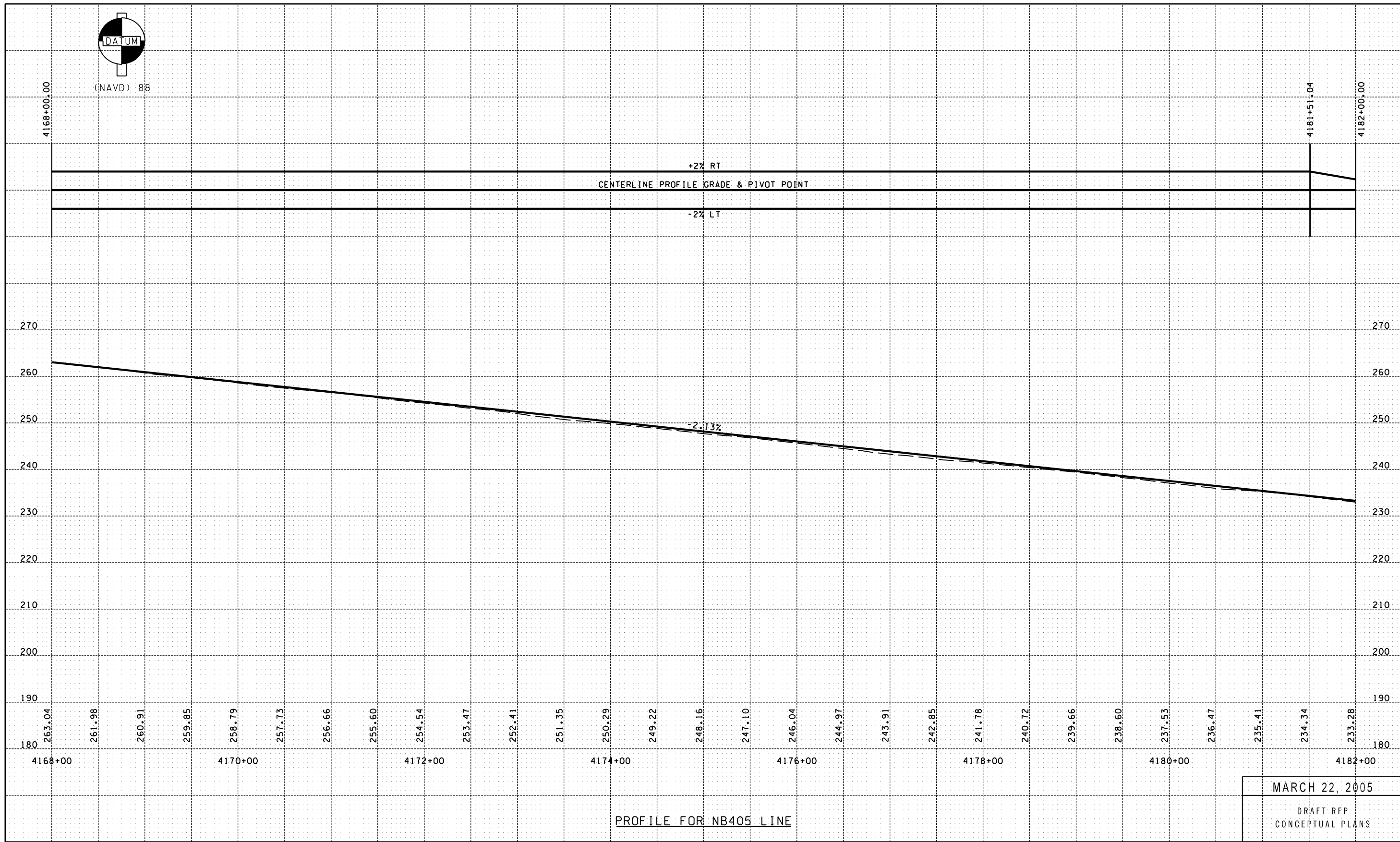
(NAVD) 88




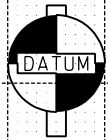
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TIME 2:52:04 PM		DATE 3/16/2005																						PLOTTED BY chris		DESIGNED BY C. BARNETT	



(NAVD) 88



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp004_stg1.dgn				FED.AID PROJ.NO.		REGION NO. STATE 10 WASH		JOB NUMBER		CONTRACT NO. LOCATION NO.		DATE P.E. STAMP BOX		DATE P.E. STAMP BOX				I-405 SR 520 TO SR 522 STAGE 1 PROFILE AND SUPERELEVATION		RP4 SHEET 18 OF 81 SHEETS	
TIME 2:52:08 PM																					
DATE 3/16/2005																					
PLOTTED BY chris																					
DESIGNED BY C. BARNETT																					
ENTERED BY C. SAXE																					
CHECKED BY W. TAYLOR																					
PROJ. ENGR. K. HENRY																					
REGIONAL ADM. D. DYE																					
REVISION				DATE		BY															



(NAVD) 88

CENTERLINE PROFILE GRADE & PIVOT POINT

-2% LT & RT

-2.13%

PROFILE FOR NB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp005_stg1.dgn

TIME 2:52:13 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

10

JOB NUMBER

CONTRACT NO.

DATE

BY

FED.AID PROJ.NO.

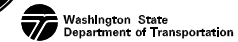
LOCATION NO.

P.E. STAMP BOX

P.E. STAMP BOX



Project Team



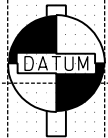
I-405
SR 520 TO SR 522

STAGE 1

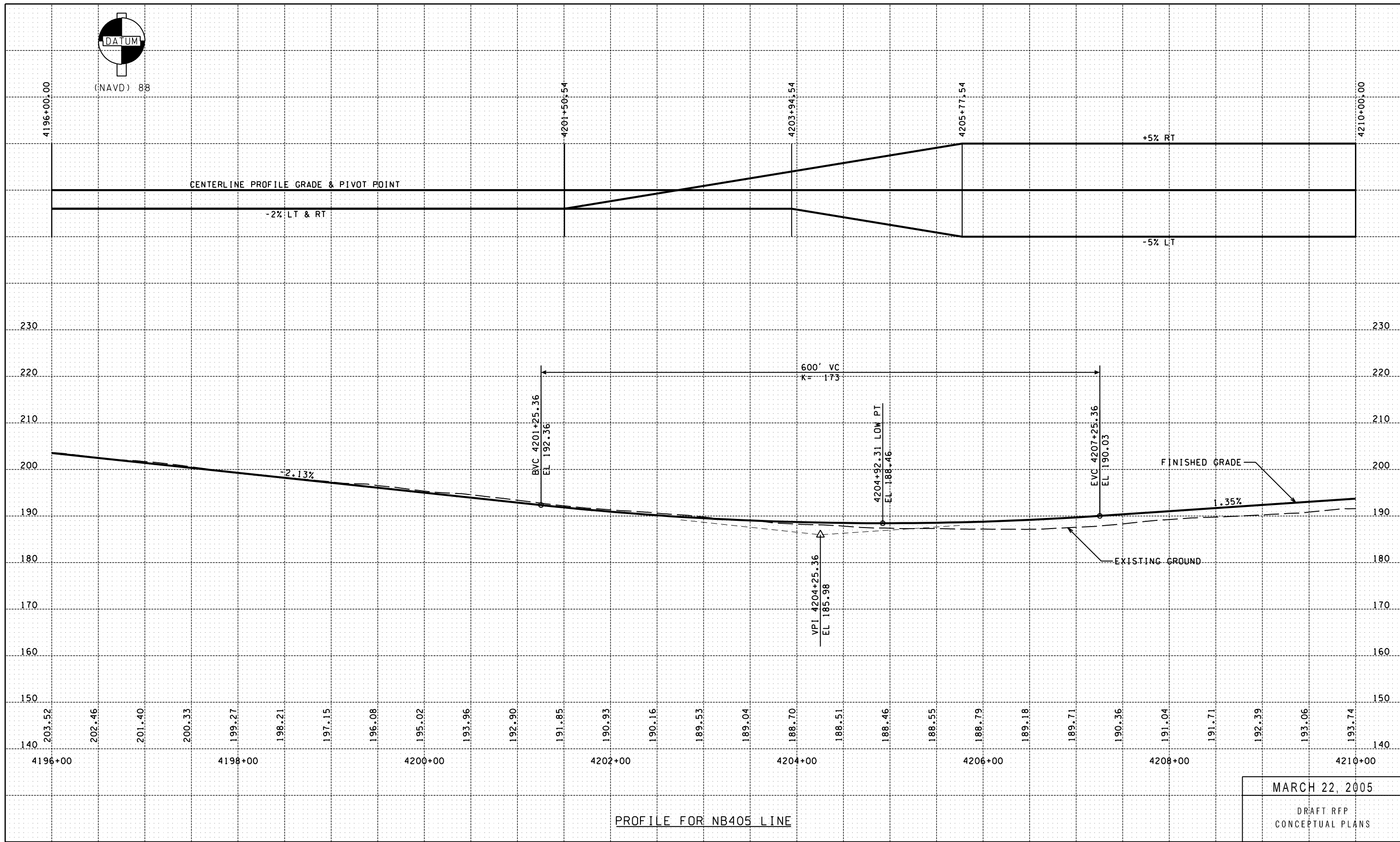
PROFILE AND SUPERELEVATION

RP5

SHEET
19
OF
81
SHEETS



(NAVD) 88



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp006_stg1.dgn

TIME 2:52:18 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

STATE

10 WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



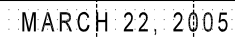
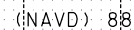
I-405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

RP6

SHEET
20
OF
81
SHEETS



DRAFT RFP
CONCEPTUAL PLANS

TIME 2:52:23 PM

DATE	3/16/2005
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PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY	C. SAXE
------------	---------

CHECKED BY	W. TAYLOR
------------	-----------

PROJ. ENGR.	K. HENR
-------------	---------

REVISION

DATE _____

BY

REGION NO.

STATE

FED.AID PROJ.NO.

10

WASH

	JOB NUMBER
--	------------

LOCATION NO.

P.E. STAMP BO

P.E. STAMP BOX



I - 405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

RP7

SHEET
21
OF
81
SHEETS



(NAVD) 88

4224+00.00

+5% RT

4225+25.00

MATCH EXISTING
SUPERELEVATION

(+5% RT) EXISTING SUPER

CENTERLINE PROFILE GRADE & PIVOT POINT

+5% LT

(-5% LT) EXISTING SUPER

PLANE BITUMINOUS PAVEMENT AND OVERLAY
MATCH EXISTING PROFILE
GRADE AND SUPERELEVATION

230

220

210

200

190

180

170

160

150

140

230

220

210

200

190

180

170

160

150

140

4225+25.00
EL 191.33
MATCH EXISTING PROFILE

BNSF RR

1750' VC
K= 387

EVC 4229+41.58
EL 180.33

POE 4231+17.07
MATCH EXISTING
END NEW PAVING

(-3.18%)

EXISTING GROUND

4224+00

4226+00

4228+00

4230+00

4232+00

4234+00

4236+00

4238+00

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

PROFILE FOR NB405 LINE

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp008_stg1.dgn

TIME 2:52:29 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE
NO.

FED.AID PROJ.NO.

10

WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

DATE

BY

REVISION

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team

Washington State
Department of Transportation

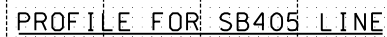
I-405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

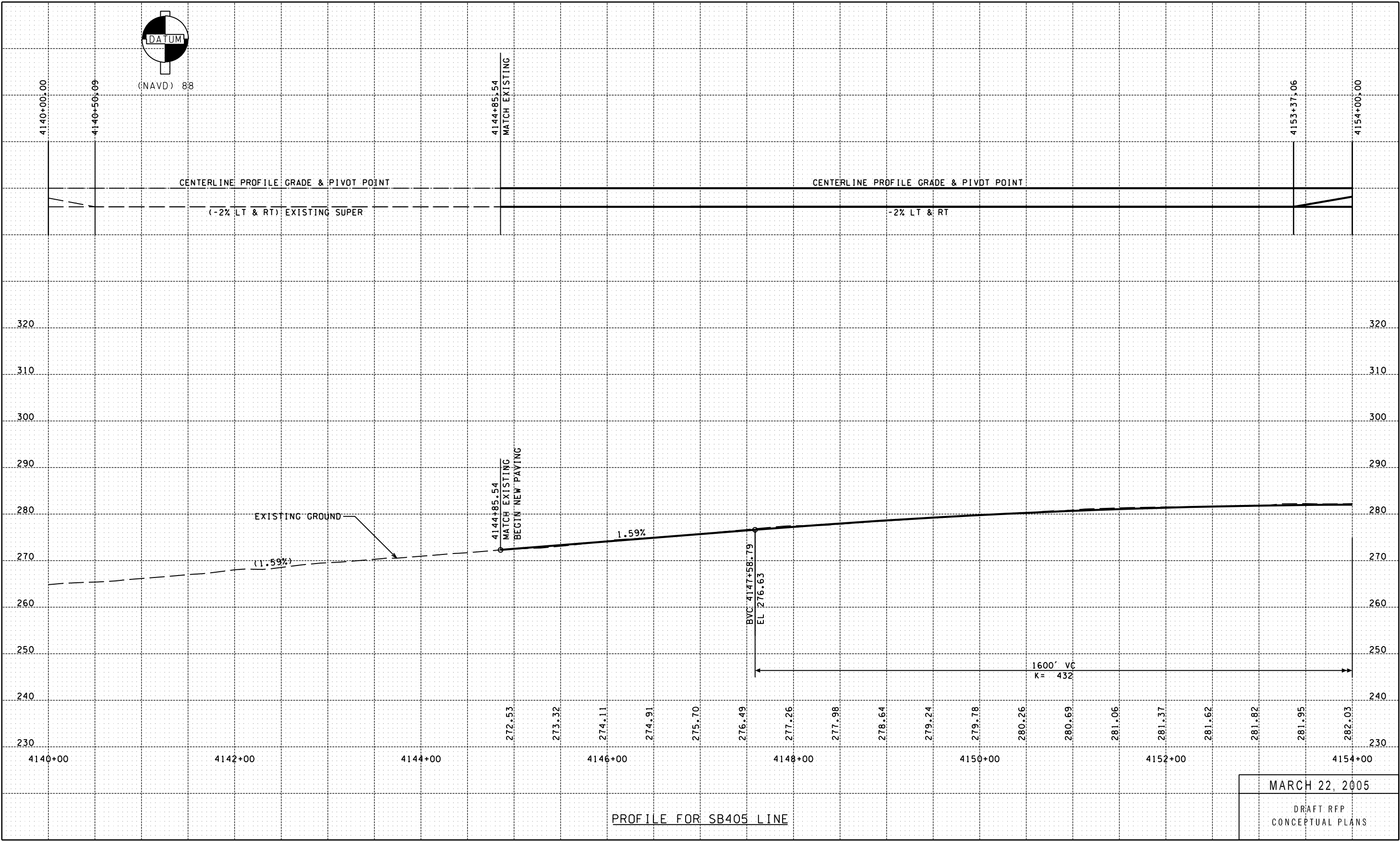
RP8

SHEET
22
OF
81
SHEETS



DRAFT RFP
CONCEPTUAL PLANS

SHEET
23
OF
81
SHEETS



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TIME 2:52:39 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

10

STATE

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team



Washington State
Department of Transportation

I-405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

RP10

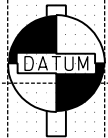
SHEET

24

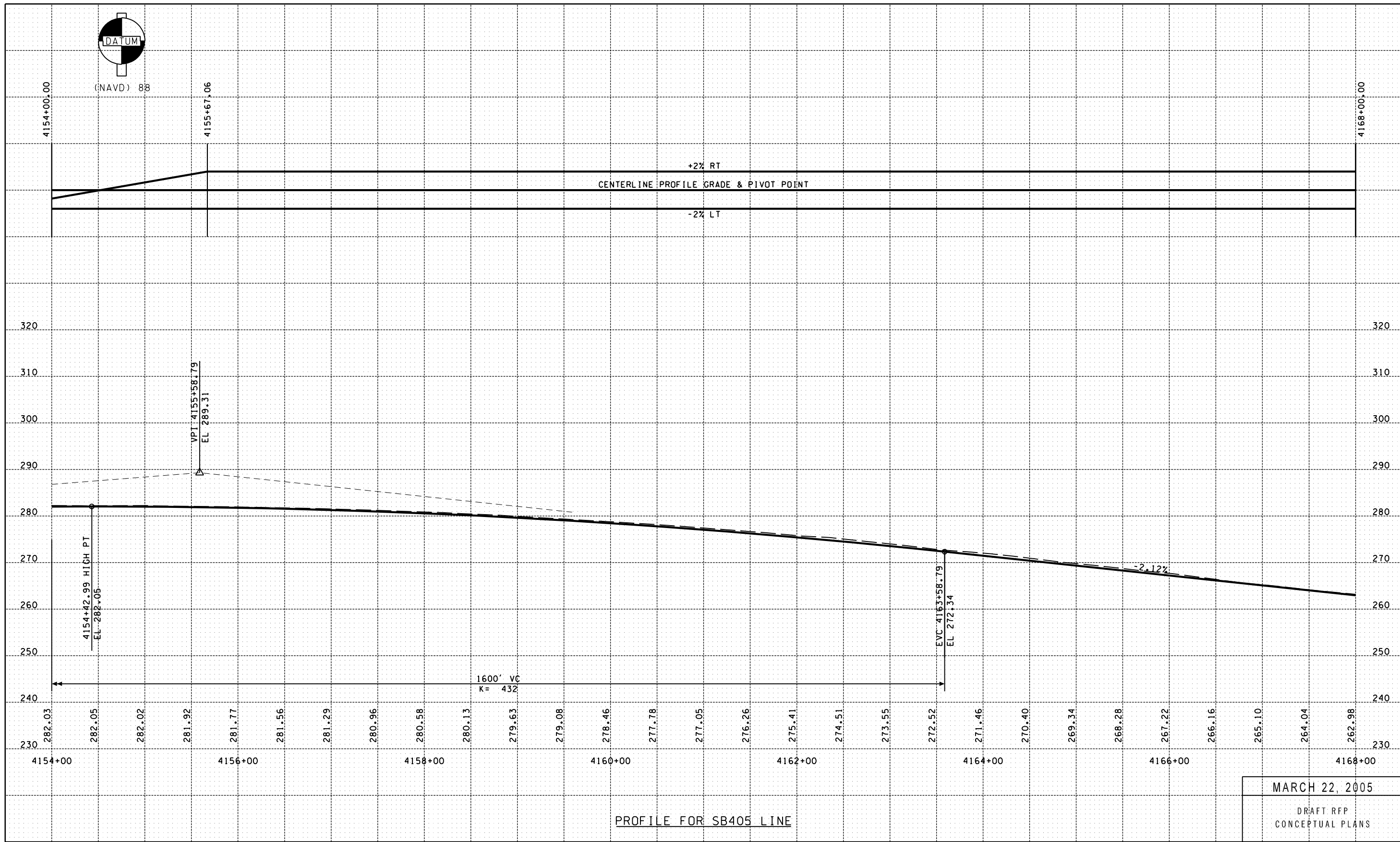
OF

81

SHEETS



(NAVD) 88



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp011_stg1.dgn

TIME 2:52:44 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

STATE

10

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

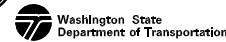
DATE

P.E. STAMP BOX

DATE



Project Team



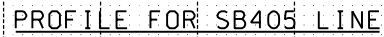
I-405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION


RP11

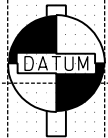
SHEET
25
OF
81
SHEETS



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c-rp012-stg1.dgn														 405 Project Team		<div>I - 405</div> <div>SR 520 TO SR 522</div>		RP12
TIME 2:52:49 PM						REGION NO.		STATE										
DATE 3/16/2005						10		WASH										
PLOTTED BY chriss								JOB NUMBER				CONTRACT NO.		LOCATION NO.		STAGE 1		SHEET 26 OF 81 SHEETS
DESIGNED BY C. BARNETT																		
ENTERED BY C. SAXE																		
CHECKED BY W. TAYLOR																		
PROJ. ENGR. K. HENRY																		
REGIONAL ADM. D. DYE				REVISION		DATE		BY								PROFILE AND SUPERELEVATION		



(NAVD) 88

4182+00.00

4183+94.47

4196+00.00

CENTERLINE PROFILE GRADE & PIVOT POINT

-2% LT & RT

270

260

250

240

230

220

210

200

190

180

270

260

250

240

230

220

210

200

190

180

4182+00

4184+00

4186+00

4188+00

4190+00

4192+00

4194+00

4196+00

233.27

232.21

231.15

230.09

229.03

227.97

226.91

225.85

224.79

223.72

222.66

221.60

220.54

219.48

218.42

217.36

216.30

215.24

214.18

213.12

212.05

210.99

209.93

208.87

207.81

206.75

205.69

204.63

203.57

-2.12%

PROFILE FOR SB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp013_stg1.dgn

TIME 2:52:54 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE

10

WASH

JOB NUMBER

CONTRACT NO.

DATE

BY

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team



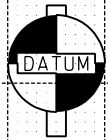
I-405
SR 520 TO SR 522

STAGE 1

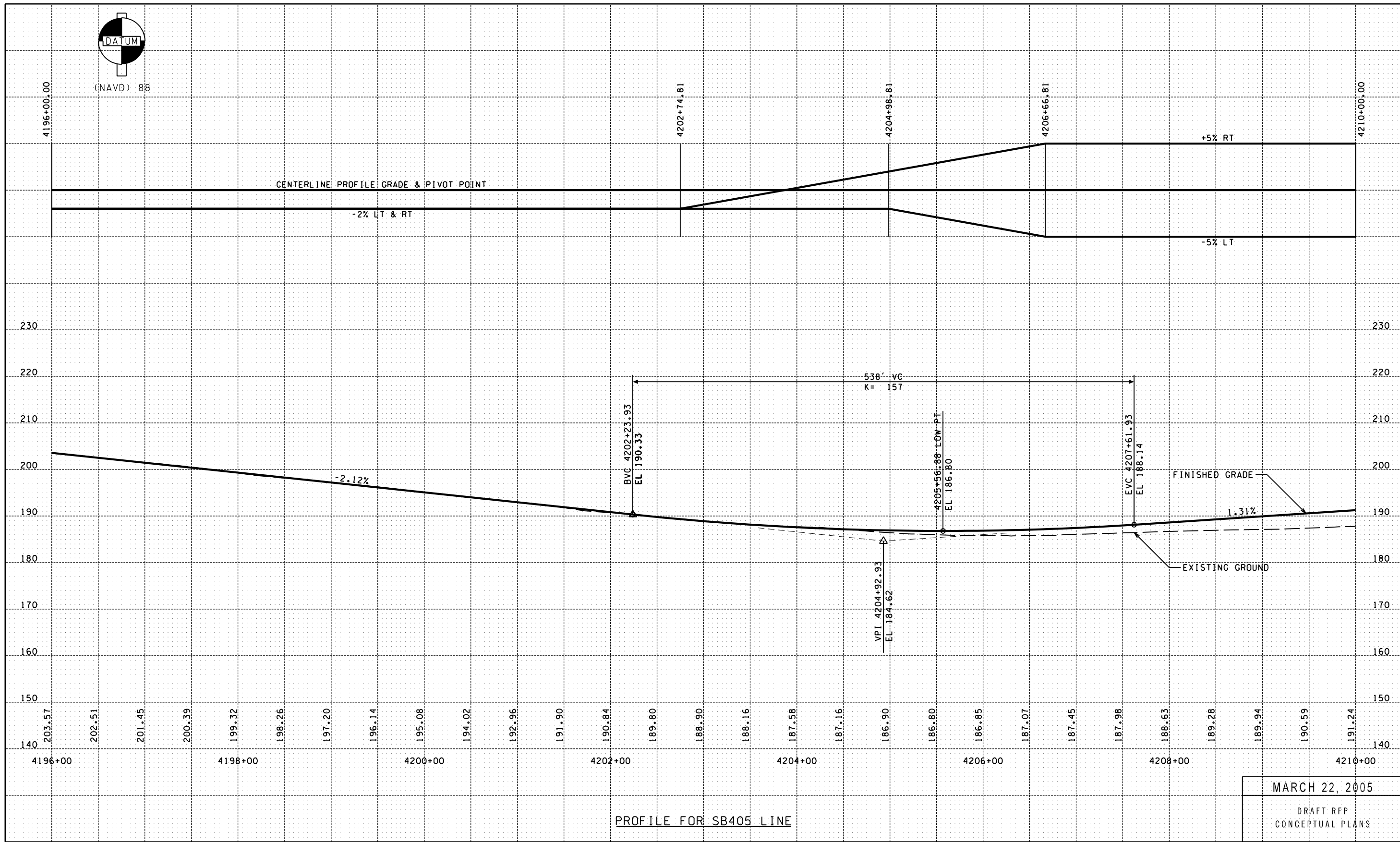
PROFILE AND SUPERELEVATION


RP13

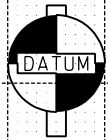
SHEET
27
OF
81
SHEETS



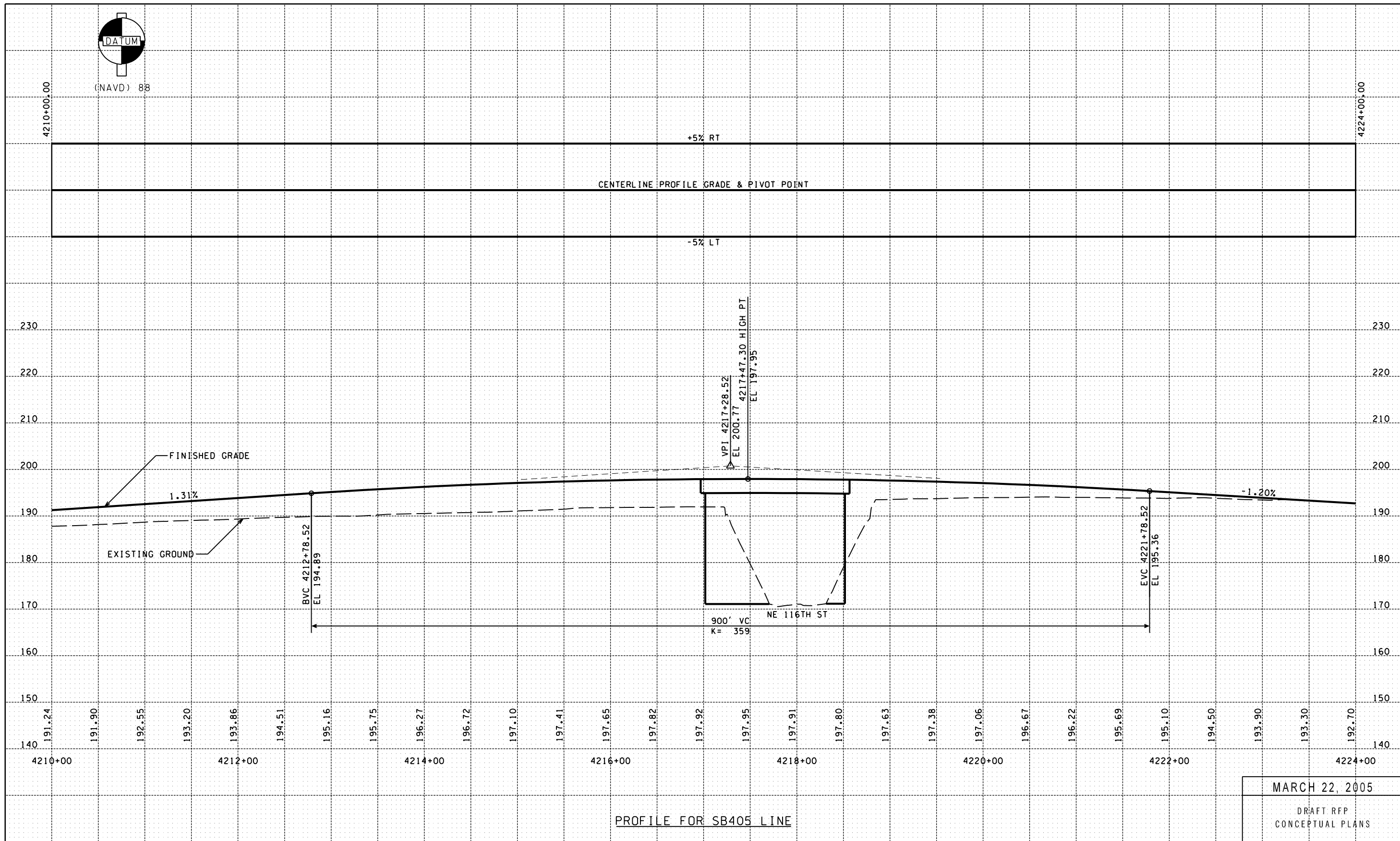
(NAVD) 88



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TIME 2:52:59 PM		DATE 3/16/2005		10 WASH												
PLOTTED BY chriss				JOB NUMBER		LOCATION NO.						SR 520 TO SR 522		SHEET 28 OF 81 SHEETS		
DESIGNED BY C. BARNETT		CHECKED BY W. TAYLOR		CONTRACT NO.								STAGE 1				
ENTERED BY C. SAXE		PROJ. ENGR. K. HENRY										PROFILE AND SUPERELEVATION				
REGIONAL ADM. D. DYE		REVISION		DATE BY												



(NAVD) 88



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TIME 2:53:04 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION
NO. 10

JOB NUMBER

CONTRACT NO.

STATE
WASH

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



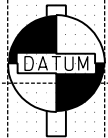
I-405
SR 520 TO SR 522

STAGE 1

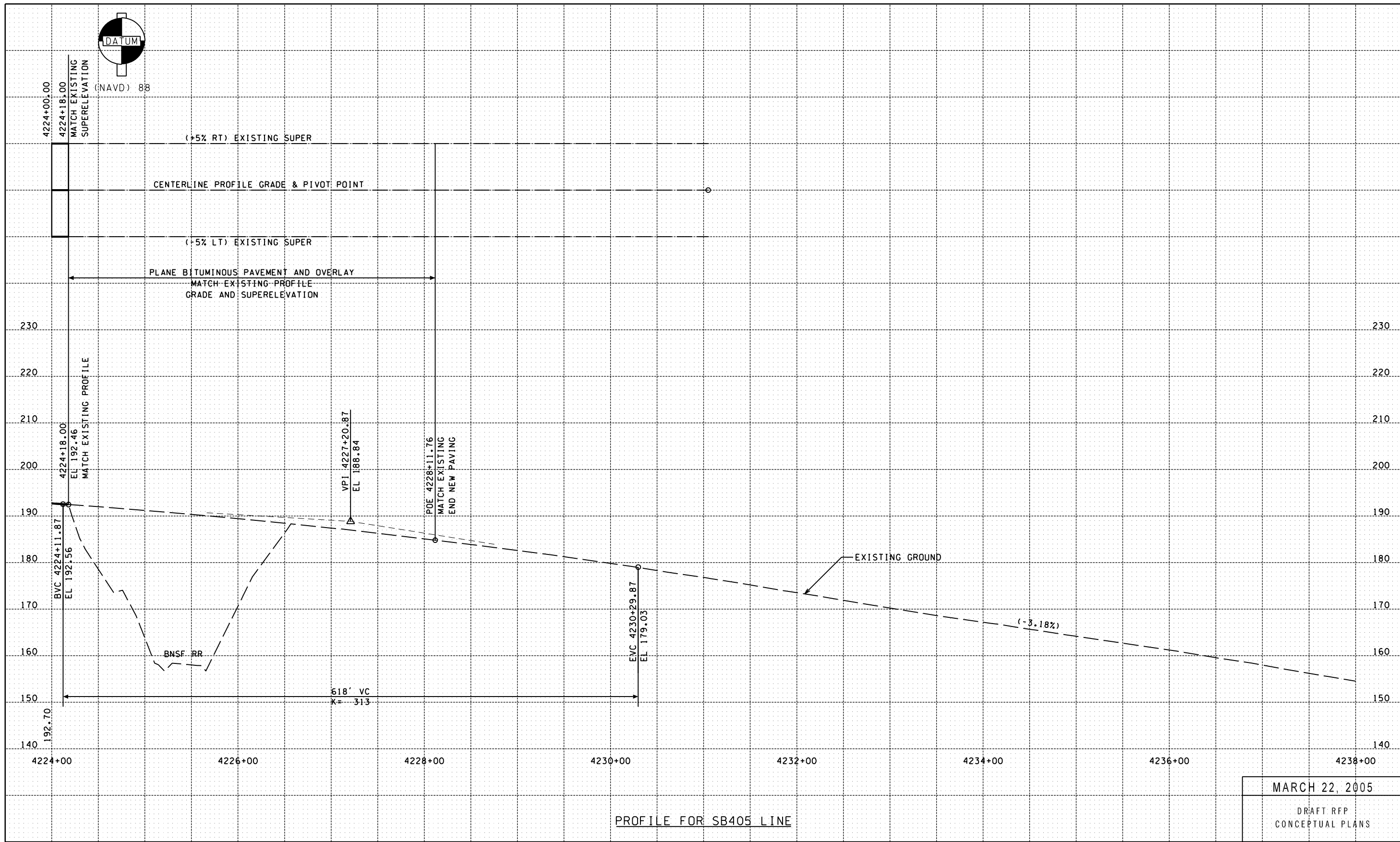
PROFILE AND SUPERELEVATION

RP15

SHEET
29
OF
81
SHEETS



(NAVD) 88



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TIME 2:53:09 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO. 10

STATE
WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



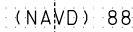
I-405
SR 520 TO SR 522

STAGE 1

PROFILE AND SUPERELEVATION

RP16

SHEET
30
OF
81
SHEETS



SUPERELEVATION
CONTROLLED BY NB405

CENTERLINE PROFILE GRADE & PIVOT POINT

+5% RT

- 5% LT

PROFILE GRADE
CONTROLLED BY NB405

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

PROFILE FOR NB405-NE116 LINE

FILE NAME	PW:\Engineering\003\drawings\sheets\3ps158a250c_rp017_stg1.dgn
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TIME 2:53:14 PM

DATE	3/16/2005
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PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY	C. SAXE
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CHECKED BY	W. TAYLOR
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PROJ. ENGR.	K. HENR
-------------	---------

REVISION

DATE _____

BY	
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REGION NO.	
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STATE

FED.AID PROJ.NO.

10

WASH

JOB NUMBER

P.E. STAMP BOX

P.E. STAMP BOX



I - 405
SR 520 TO SR 522

STAGE 1

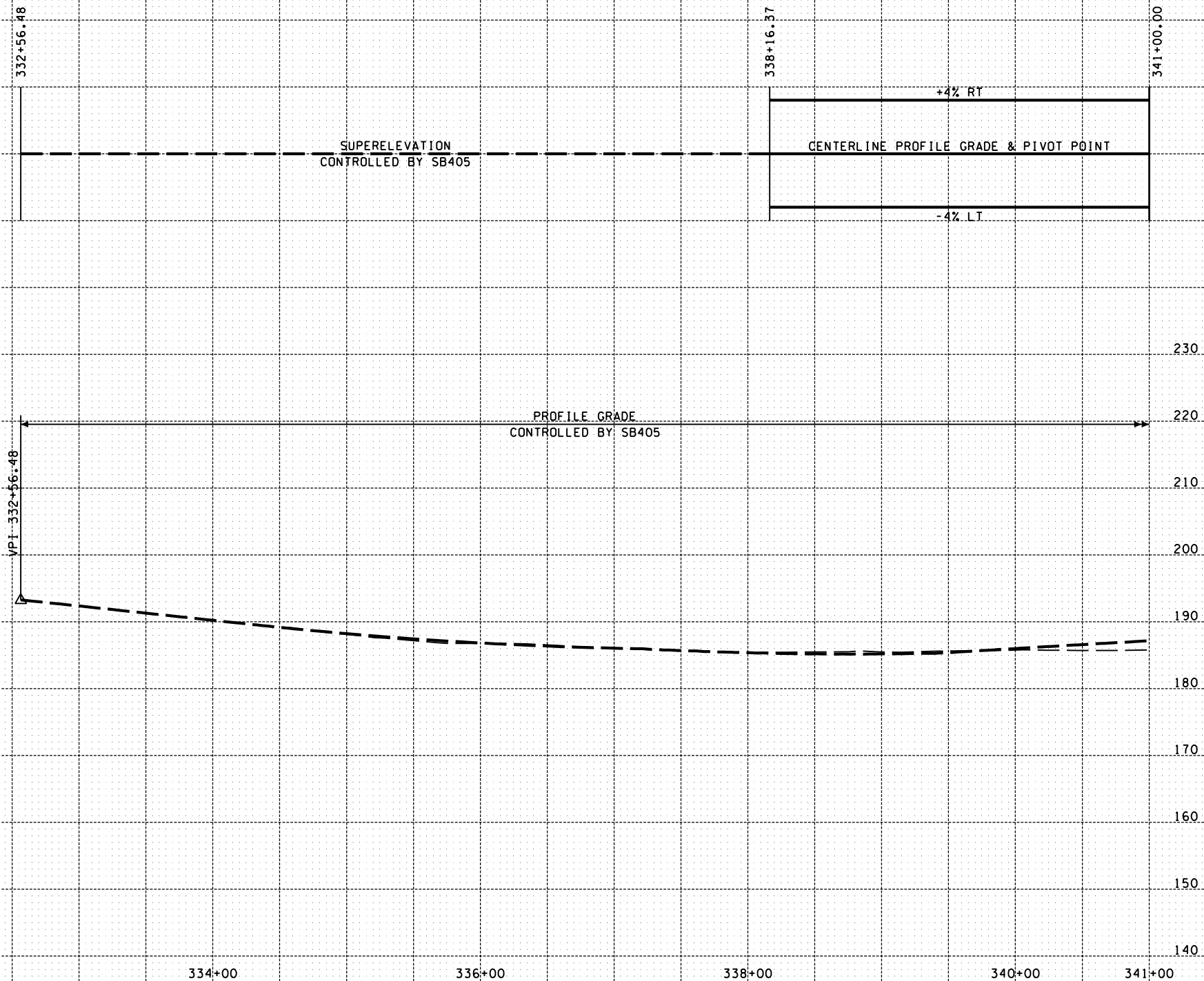
PROFILE AND SUPERELEVATION

RP 17

SHEET
31
OF
81
SHEETS



(NAVD) 88



PROFILE FOR NE116-SB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp018_stg1.dgn

TIME 2:53:19 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

10

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

DATE

BY

REVISION

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team



I-405
SR 520 TO SR 522

STAGE 1

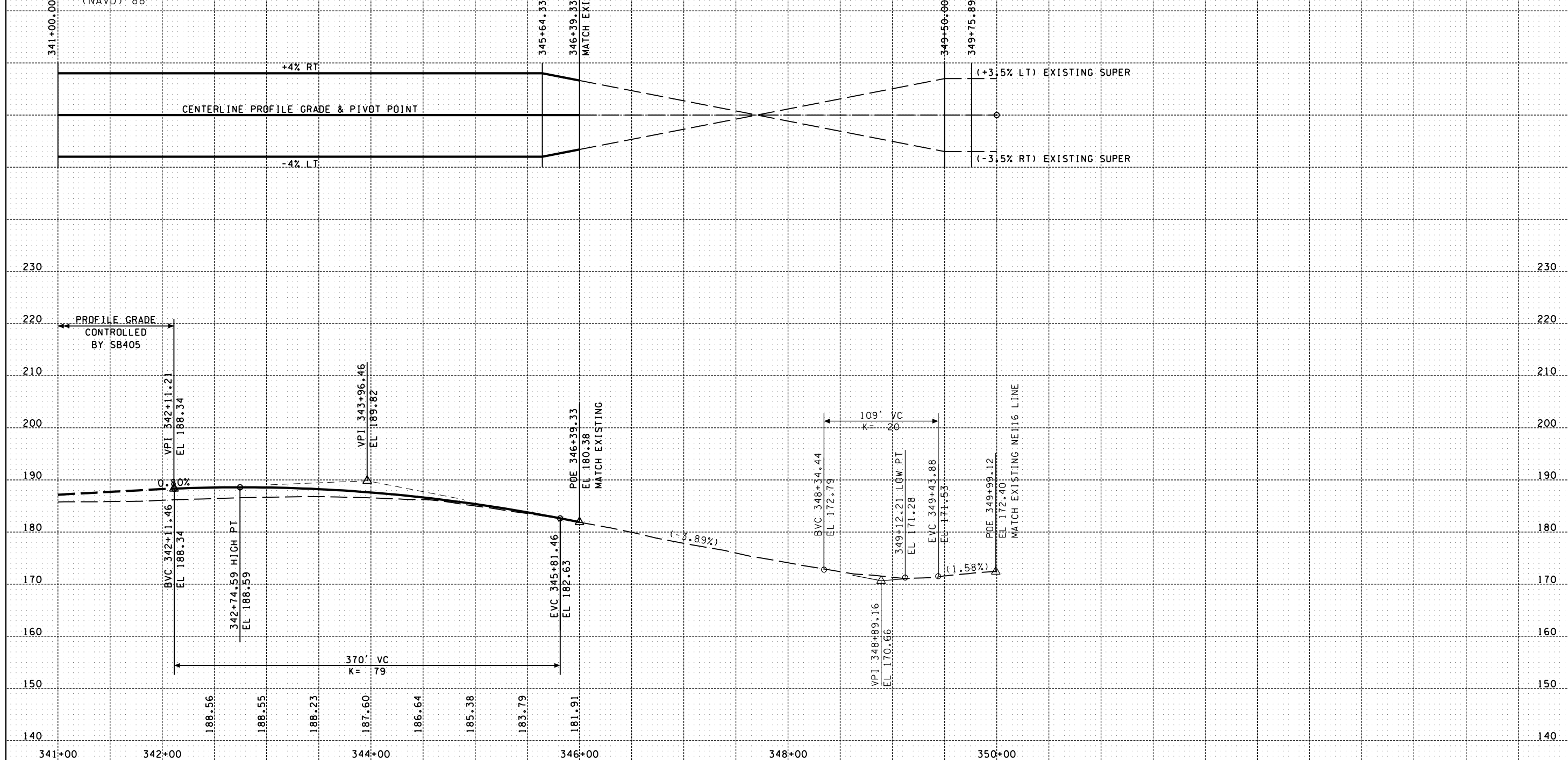
PROFILE AND SUPERELEVATION

RP18

SHEET
32
OF
81
SHEETS



(NAVD) 88



PROFILE FOR NE116-SB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp019_stg1.dgn

TIME 2:53:24 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

STATE

10 WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

DATE

BY

FED.AID PROJ.NO.

P.E. STAMP BOX

P.E. STAMP BOX



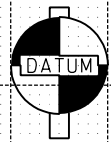
I-405
SR 520 TO SR 522

STAGE 1

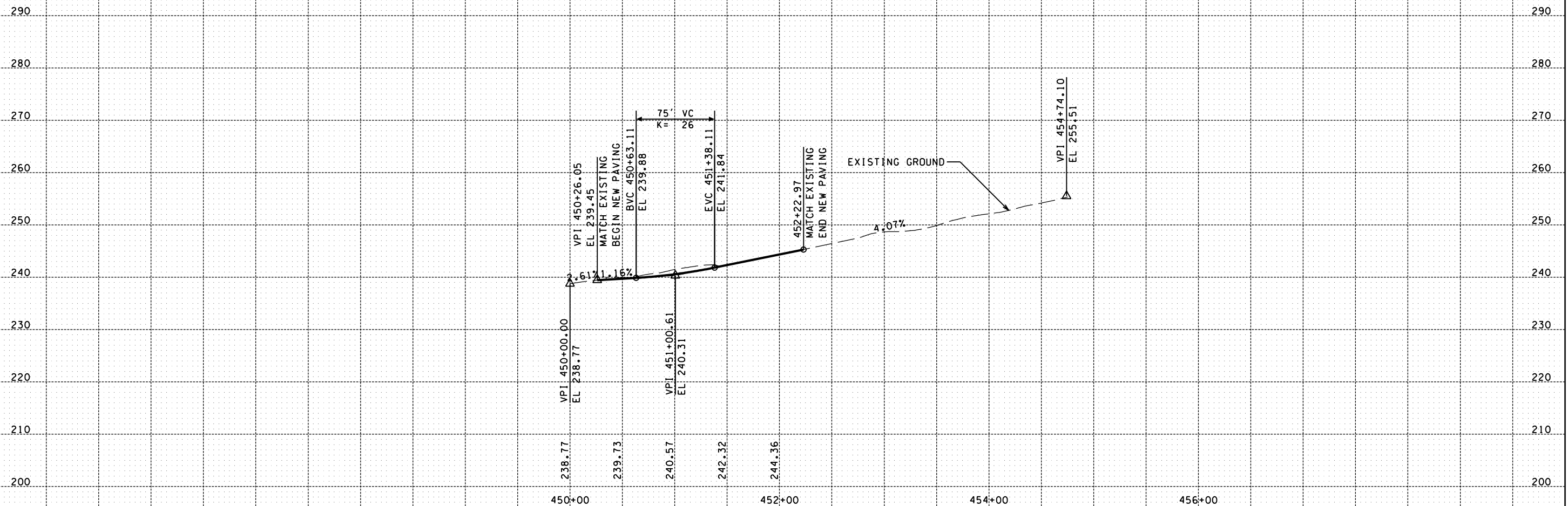
PROFILE AND SUPERELEVATION

RP19

SHEET
33
OF
81
SHEETS



(NAVD) 88



PROFILE FOR SB405-NE85WB LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp020_stg1.dgn

TIME 2:53:29 PM

DATE 3/16/2005

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DESIGNED BY C. BARNETT

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PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.
10

STATE
WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX
DATE

P.E. STAMP BOX
DATE



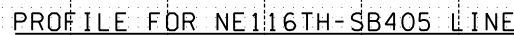
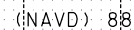
I-405
SR 520 TO SR 522

STAGE 1


PROFILE AND SUPERELEVATION

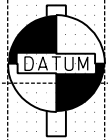
RP20

SHEET
34
OF
81
SHEETS

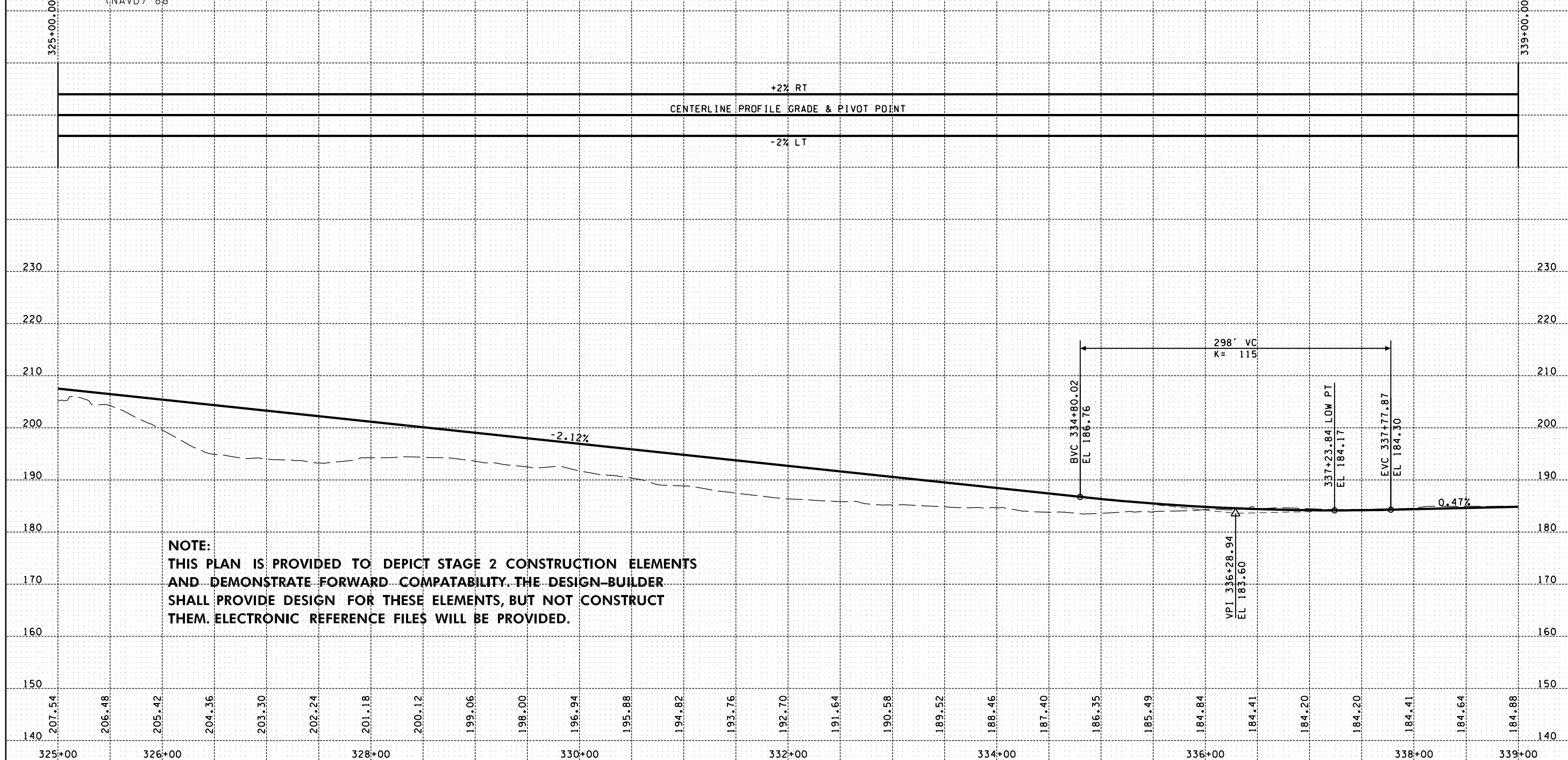


DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c-rp021_stg1.dgn														<div><div><div>INTERSTATE</div><div>405</div><div>Project Team</div></div><div> Washington State Department of Transportation</div></div>		I-405 SR 520 TO SR 522		RP21 SHEET 35 OF 81 SHEETS	
TIME 2:53:34 PM						REGION NO.		STATE		FED.AID PROJ.NO.									
DATE 3/16/2005						10		WASH											
PLOTTED BY chriss																			
DESIGNED BY C. BARNETT								JOB NUMBER		LOCATION NO.									
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE		REVISION		DATE		BY						DATE		DATE		PROFILE AND SUPERELEVATION			
										P.E. STAMP BOX				P.E. STAMP BOX					



(NAVD) 88



NOTE:
THIS PLAN IS PROVIDED TO DEPICT STAGE 2 CONSTRUCTION ELEMENTS
AND DEMONSTRATE FORWARD COMPATABILITY. THE DESIGN-BUILDER
SHALL PROVIDE DESIGN FOR THESE ELEMENTS, BUT NOT CONSTRUCT
THEM. ELECTRONIC REFERENCE FILES WILL BE PROVIDED.

PROFILE FOR NE116TH-SB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rp022_stg1.dgn

TIME 2:53:39 PM

DATE 3/16/2005

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PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE
NO.

10 WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

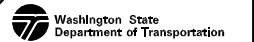
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P.E. STAMP BOX

DATE



Project Team



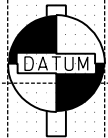
I-405
SR 520 TO SR 522

STAGE 2

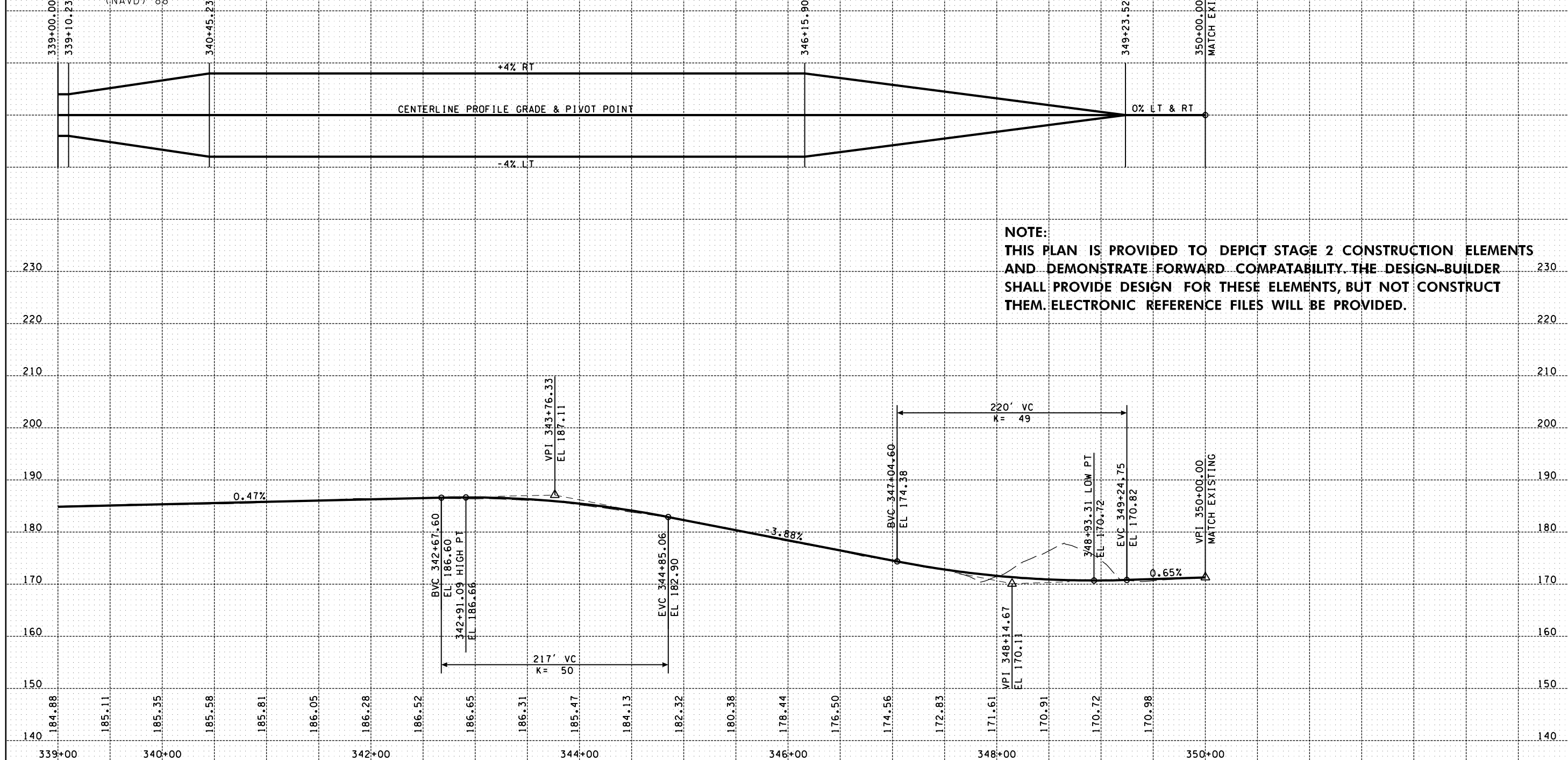
PROFILE AND SUPERELEVATION

RP22

SHEET
36
OF
81
SHEETS



(NAVD) 88



PROFILE FOR NE116TH-SB405 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

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TIME 2:53:45 PM

DATE 3/16/2005

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DESIGNED BY C. BARNETT

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CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

STATE

10

WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team

Washington State
Department of Transportation

I-405
SR 520 TO SR 522

STAGE 2

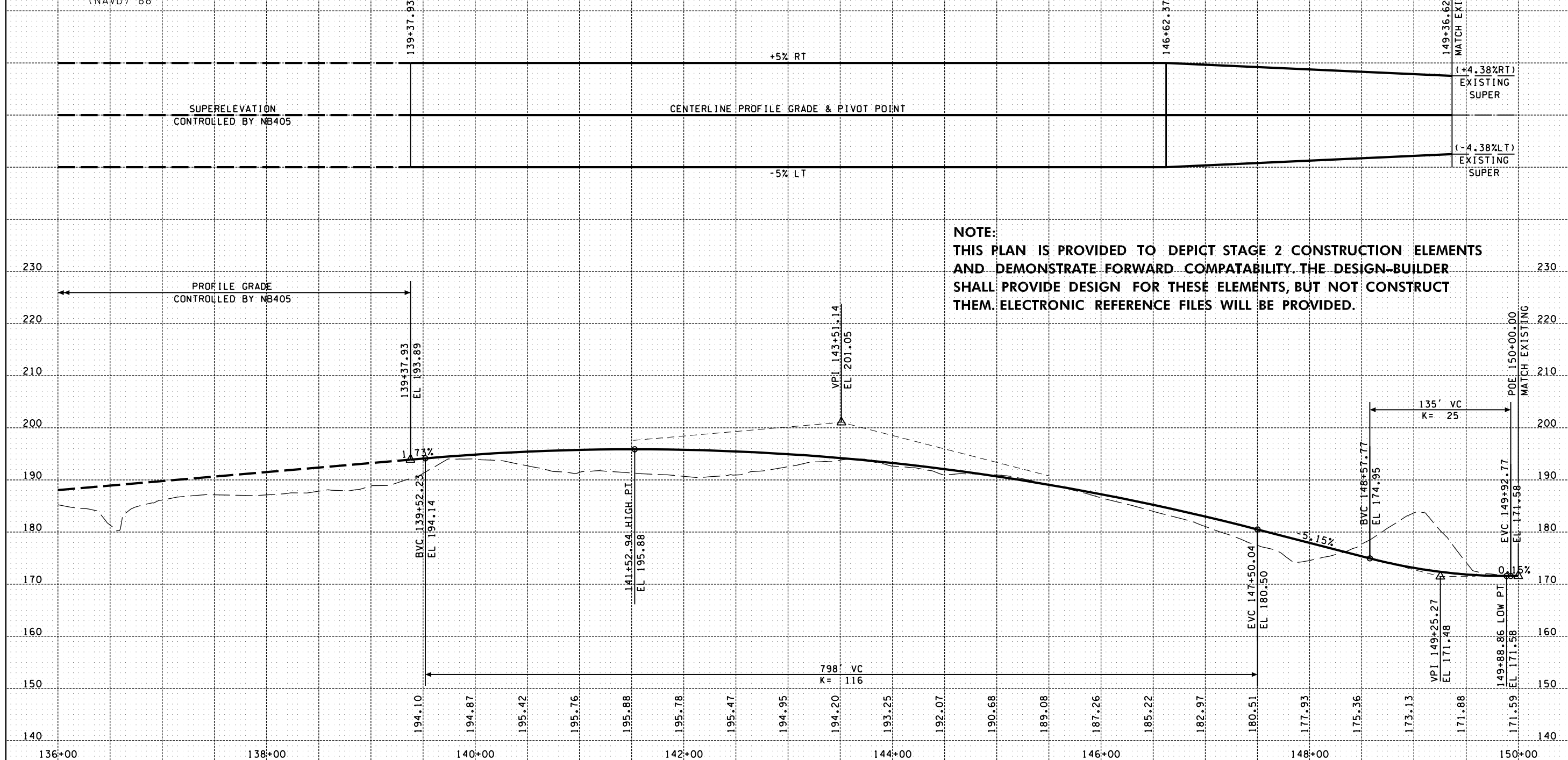
PROFILE AND SUPERELEVATION

RP23

SHEET
37
OF
81
SHEETS



(NAVD) 88



PROFILE FOR NB405-NE116 LINE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

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TIME 2:53:51 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO. 10

STATE
WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

REVISION

DATE

BY

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team

Washington State
Department of Transportation

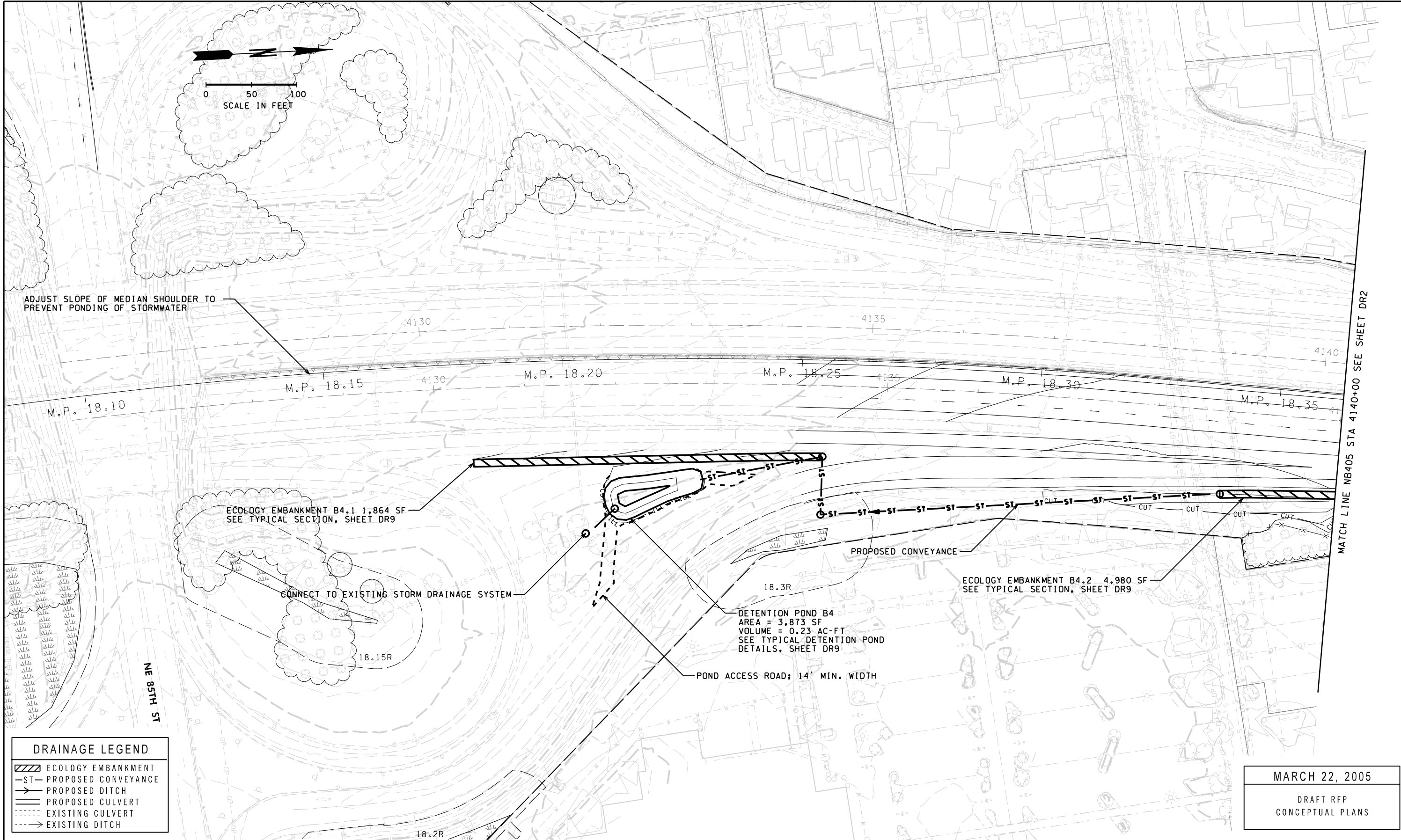
I-405
SR 520 TO SR 522

STAGE 2

PROFILE AND SUPERELEVATION

RP24


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38
OF
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SHEETS

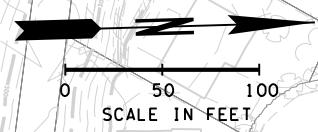
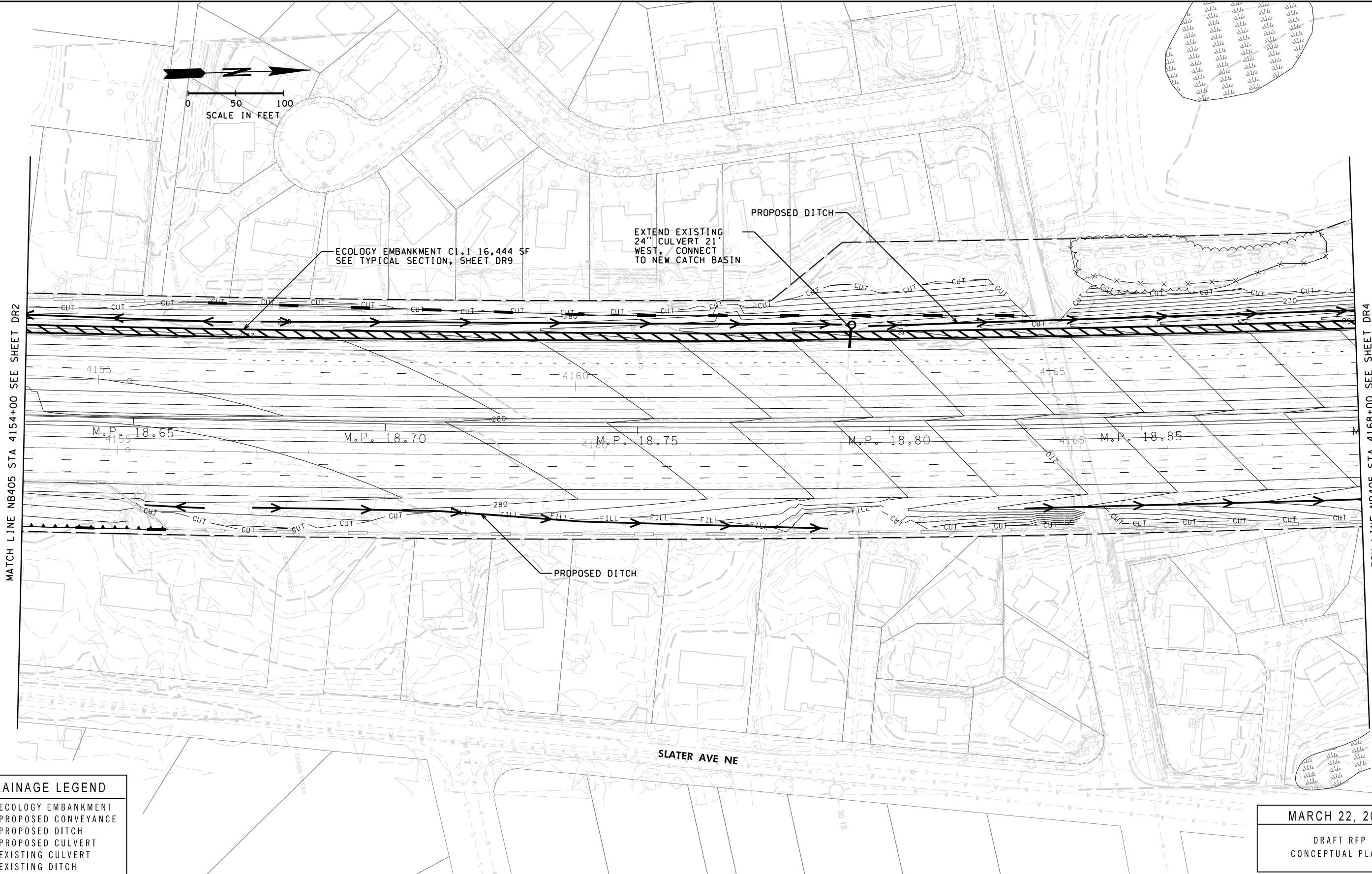


DRAINAGE LEGEND	
	ECOLOGY EMBANKMENT
	PROPOSED CONVEYANCE
	PROPOSED DITCH
	PROPOSED CULVERT
	EXISTING CULVERT
	EXISTING DITCH

MARCH 22, 2005


DRAFT RFP
CONCEPTUAL PLANS

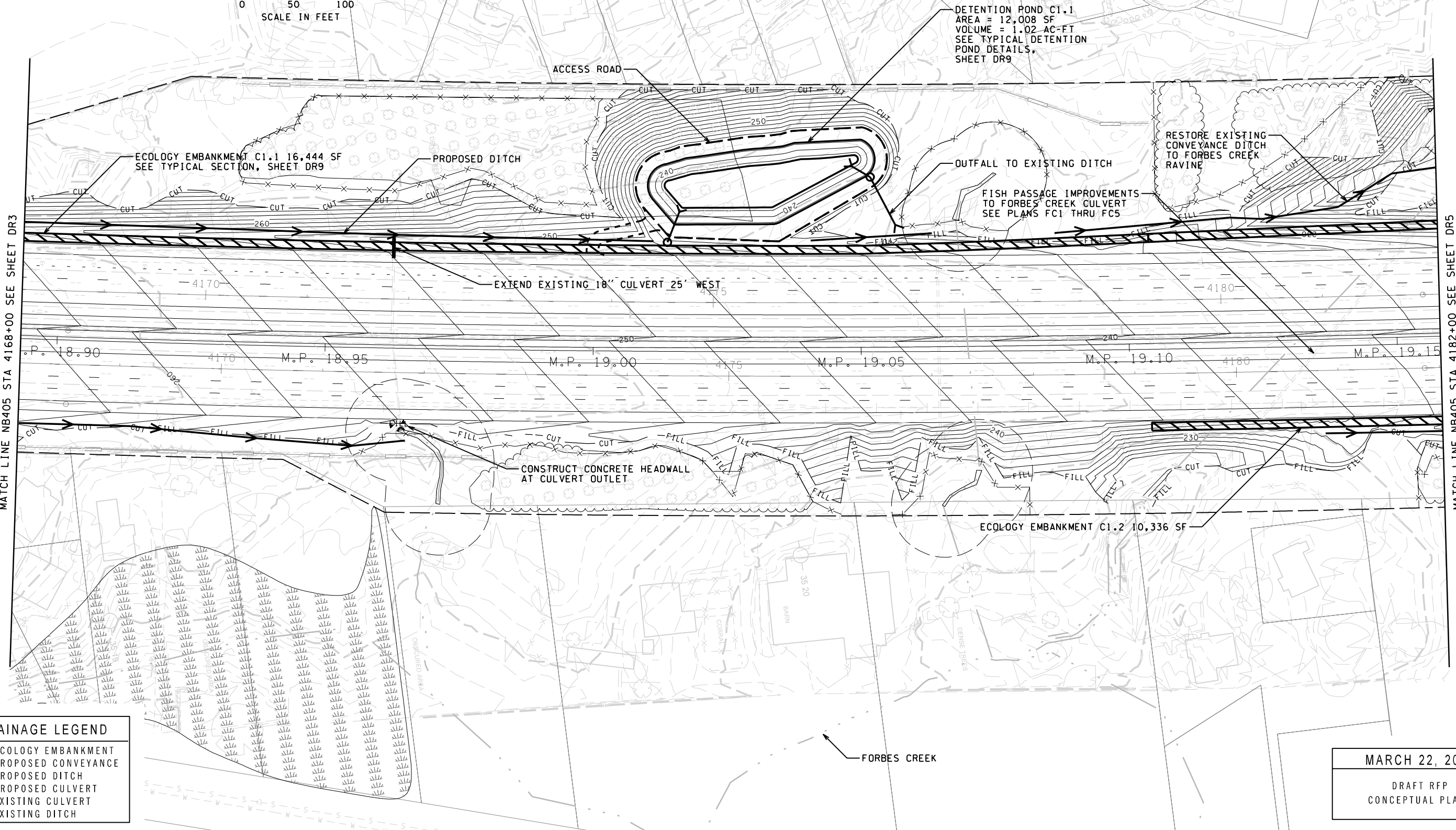
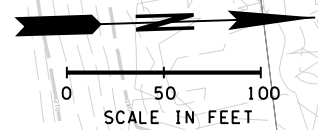
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TIME 2:54:11 PM				REGION NO.	STATE	FED.AID PROJ.NO.											
DATE 3/16/2005				10	WASH												
PLOTTED BY chriss				JOB NUMBER													
DESIGNED BY J. HAMLIN						CONTRACT NO.		LOCATION NO.									
ENTERED BY E. MENDEL																	
CHECKED BY W. TAYLOR																	
PROJ. ENGR. K. HENRY																	
REGIONAL ADM. D. DYE																	
		REVISION		DATE		BY				DATE		DATE					
										P.E. STAMP BOX		P.E. STAMP BOX					



DRAINAGE LEGEND	
	ECOLOGY EMBANKMENT
	PROPOSED CONVEYANCE
	PROPOSED DITCH
	PROPOSED CULVERT
	EXISTING CULVERT
	EXISTING DITCH

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

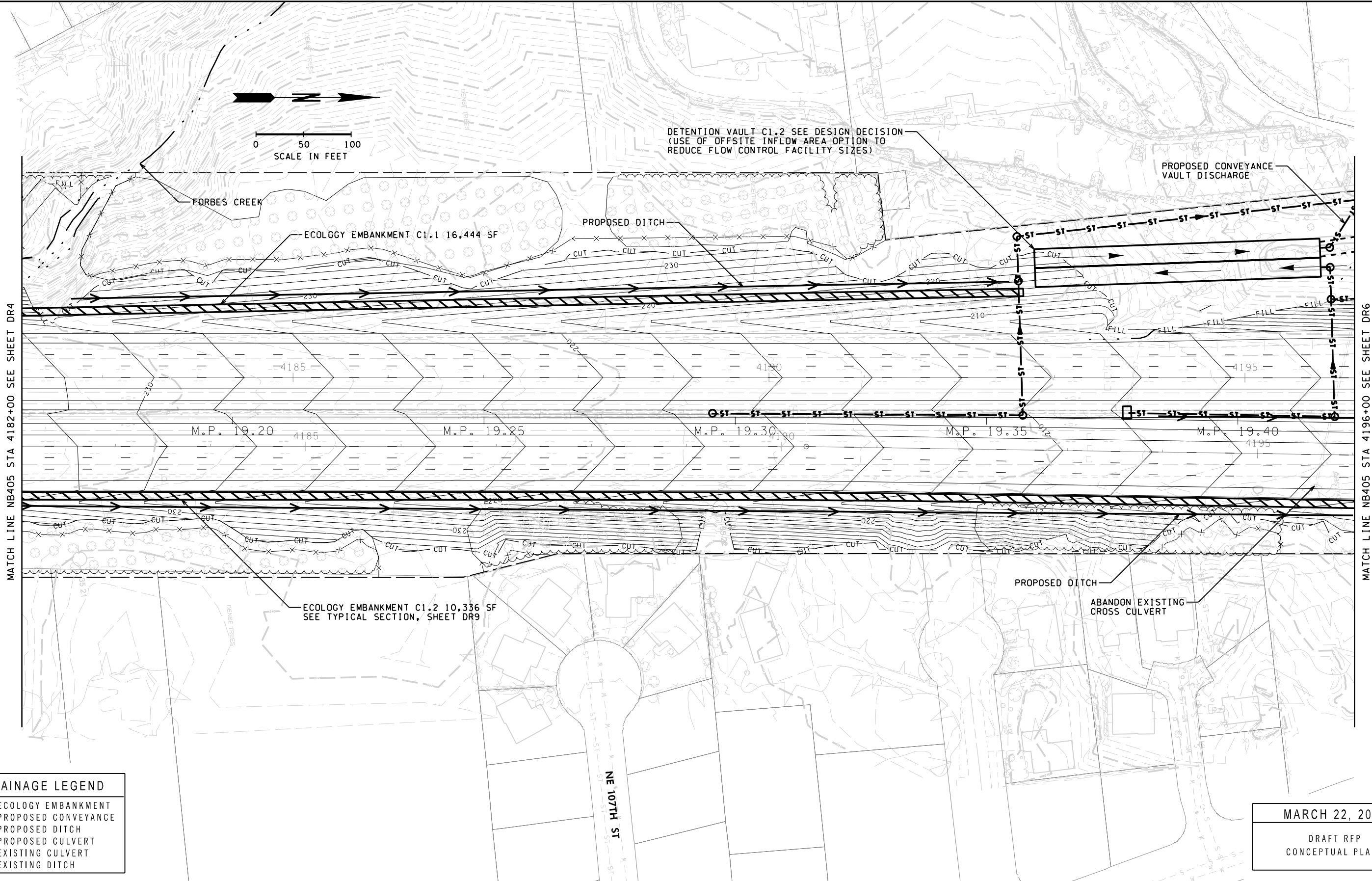
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TIME 2:54:40 PM																	
DATE 3/16/2005				JOB NUMBER		LOCATION NO.		DATE		P.E. STAMP BOX		DATE		P.E. STAMP BOX		STAGE 1	
PLOTTED BY chriss																	
DESIGNED BY J. HAMLIN				CONTRACT NO.		DATE		BY		REVISION		DATE		BY		DRAINAGE PLAN	
ENTERED BY E. MENDEL																	
CHECKED BY W. TAYLOR				REVISION		DATE		BY		DATE		BY		DRAINAGE PLAN			
PROJ. ENGR. K. HENRY																	
REGIONAL ADM. D. DYE																	



DRAINAGE LEGEND	
	ECOLOGY EMBANKMENT
	PROPOSED CONVEYANCE
	PROPOSED DITCH
	PROPOSED CULVERT
	EXISTING CULVERT
	EXISTING DITCH

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_dr004_stg1.dgn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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TIME 2:55:09 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY J. HAMLIN

ENTERED BY E. MENDEL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION
NO.

STATE

10 WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team

Washington State
Department of Transportation

I-405
SR 520 TO SR 522

STAGE 1

DRAINAGE PLAN

DR5

SHEET
43
OF
81
SHEETS

120TH AVE NE

0 50 100
SCALE IN FEET

STORMWATER VAULT
ACCESS ROAD

OUTFALL TO
EXISTING
CONVEYANCE

EXTEND EXISTING 18" CULVERT
72' WEST & CONNECT TO PROPOSED
DRAINAGE IMPROVEMENTS

CONNECT TO EXISTING
STORM DRAIN PIPING

PROPOSED OFF-SITE CONVEYANCE IMPROVEMENTS, CONNECT
TO NEW CROSS DRAIN AND EXISTING 24" SD NORTH,
COORDINATE WITH EXISTING 72" SANITARY SEWER MAIN
AND PROPOSED STAGE 2 WALL CONSTRUCTION

MATCH LINE NB405 STA 4196+00 SEE SHEET DR5

MATCH LINE NB405 STA 4210+00 SEE SHEET DR7

M.P. 19.45

M.P. 19.50

M.P. 19.55

M.P. 19.60

M.P. 19.65

PROPOSED DITCH

INSTALL NEW CROSS CULVERT
AND CATCH BASIN STRUCTURES

ECOLOGY EMBANKMENT C1.2 10,336 SF
SEE TYPICAL SECTION, SHEET DR9

REPLACE EXISTING CULVERT
WITH NEW CROSS CULVERT AND
CATCH BASIN STRUCTURES

SLATER AVE NE

DRAINAGE LEGEND

- ECOLOGY EMBANKMENT
- PROPOSED CONVEYANCE
- PROPOSED DITCH
- PROPOSED CULVERT
- EXISTING CULVERT
- EXISTING DITCH

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_dr006_stg1.dgn

TIME 2:55:22 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY J. HAMLIN

ENTERED BY E. MENDEL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE

10

WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

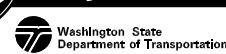
DATE

DATE

INTERSTATE

405

Project Team



I-405

SR 520 TO SR 522

STAGE 1

DRAINAGE PLAN

DR6

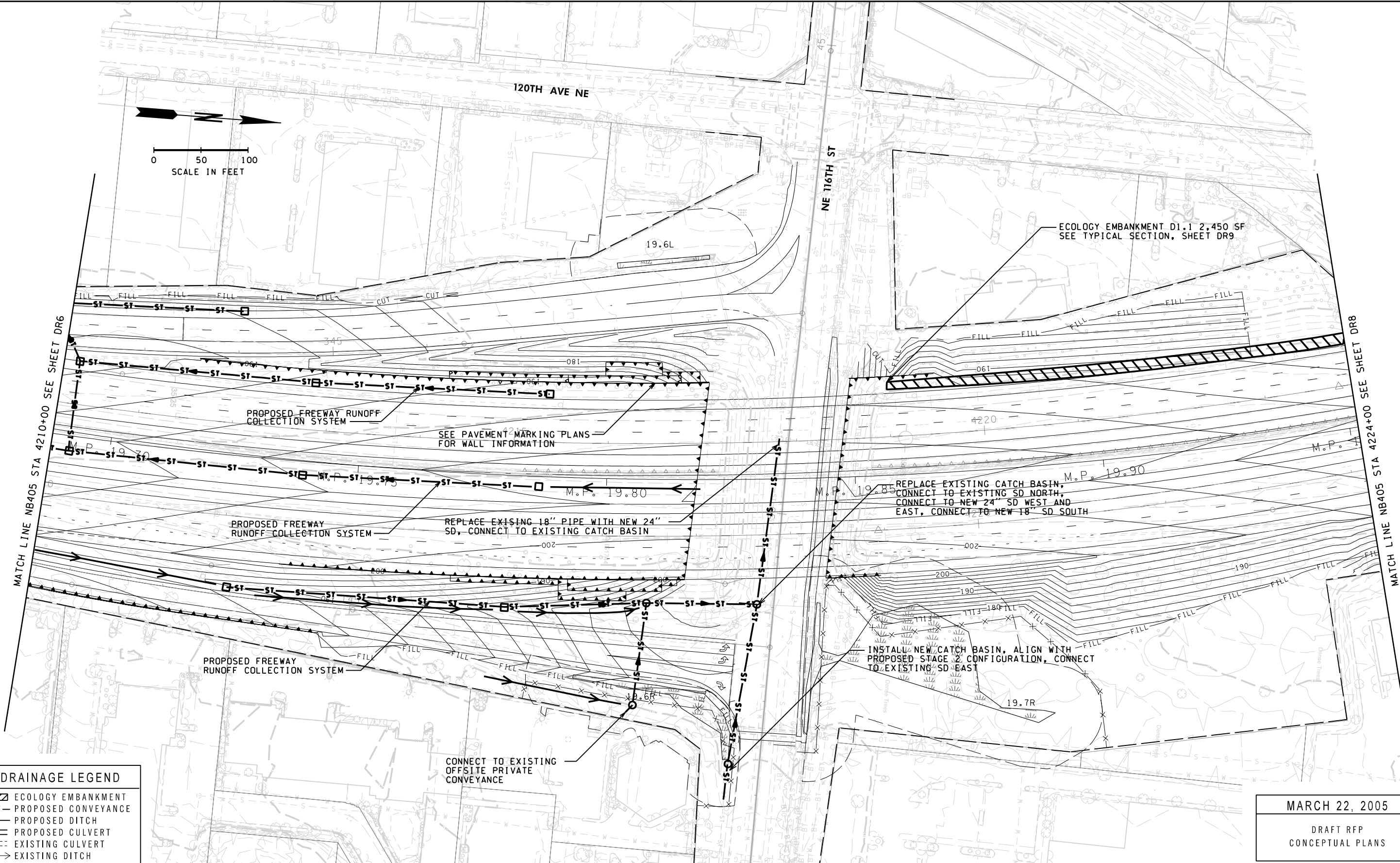
SHEET

44

OF

81

SHEETS



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_dr007_stg1.dgn

TIME 2:55:38 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY J. HAMLIN

ENTERED BY E. MENDEL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

STATE

10 WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



I-405
SR 520 TO SR 522

STAGE 1

DRAINAGE PLAN

DR7

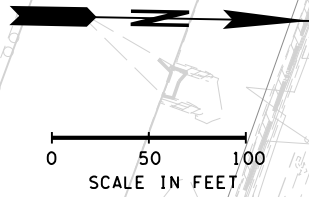
SHEET

45

OF

81

SHEETS



MATCH LINE NB405 STA 4224+00 SEE SHEET DR7

DRAINAGE LEGEND	
	ECOLOGY EMBANKMENT
	PROPOSED CONVEYANCE
	PROPOSED DITCH
	PROPOSED CULVERT
	EXISTING CULVERT
	EXISTING DITCH


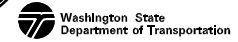
PROPOSED DITCH

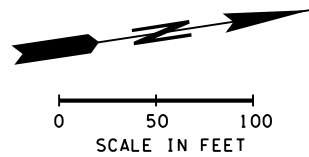
DETENTION POND D1 AREA = 8,712 SF
VOLUME = 0.50 AC-FT
SEE TYPICAL DETENTION
POND DETAILS, SHEET DR9

REPLACE
EXISTING
CULVERT,
OUTFALL TO
EXISTING DITCH

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_dr008_stg1.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		 405 Project Team 		I-405 SR 520 TO SR 522		DR8	
TIME 2:55:53 PM				JOB NUMBER		LOCATION NO.		STAGE 1				SHEET 46 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.								DRAINAGE PLAN			
PLOTTED BY chris															
DESIGNED BY J. HAMLIN															
ENTERED BY E. MENDEL															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															
REVISION				DATE		BY		P.E. STAMP BOX		DATE					



MATCH LINE SEE SHEET PM9

EXIST NOISE WALL

SLATER AVE NE

SB 405 OFF-RAMP

EXISTING R/W

SB 405 ON-RAMP

SB405 4126+00.00 POB

EXIST RETAINING WALL

EXISTING SB405 LINE

4135

4130

EXISTING NB405 LINE

4135

4130

STA 4134+00 NB
BEGIN NB RE-STRIPE

12'
12'
12'
10'

4140

NB405 4126+00.00 POB

NB 405 OFF-RAMP

EXISTING R/W

18.3R

18.15R

NB 405 ON-RAMP

18.2R

MATCH LINE NB405 STA 4140+00 SEE SHEET PM2

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_ch001_stg1.dgn

TIME 2:56:15 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION NO.

10

STATE

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

REVISION

DATE

BY

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team



Washington State
Department of Transportation

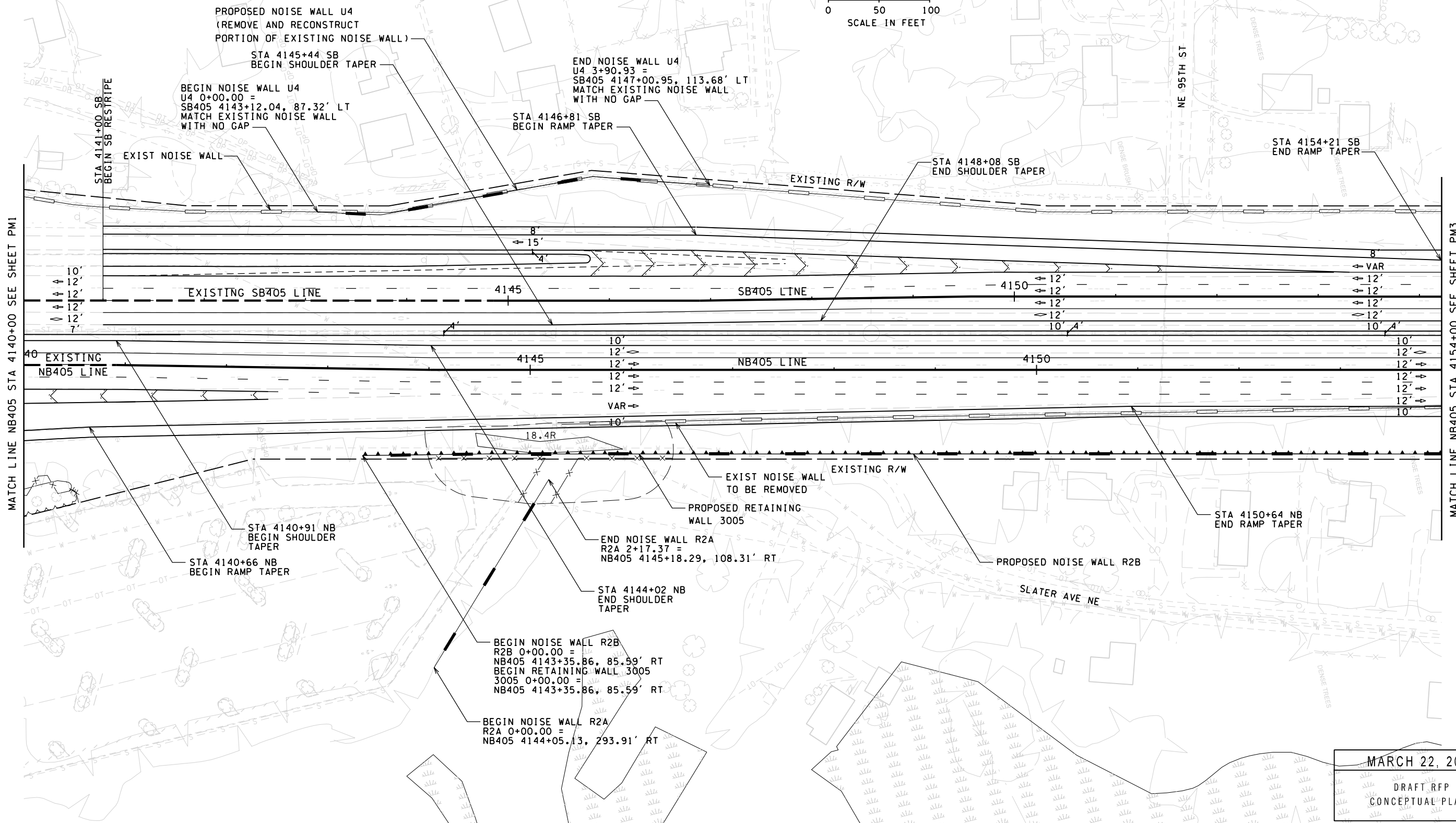
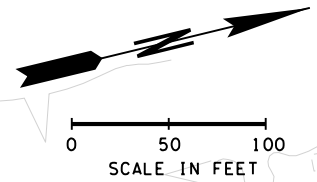
I-405
SR 520 TO SR 522

STAGE 1

PAVEMENT MARKING PLAN

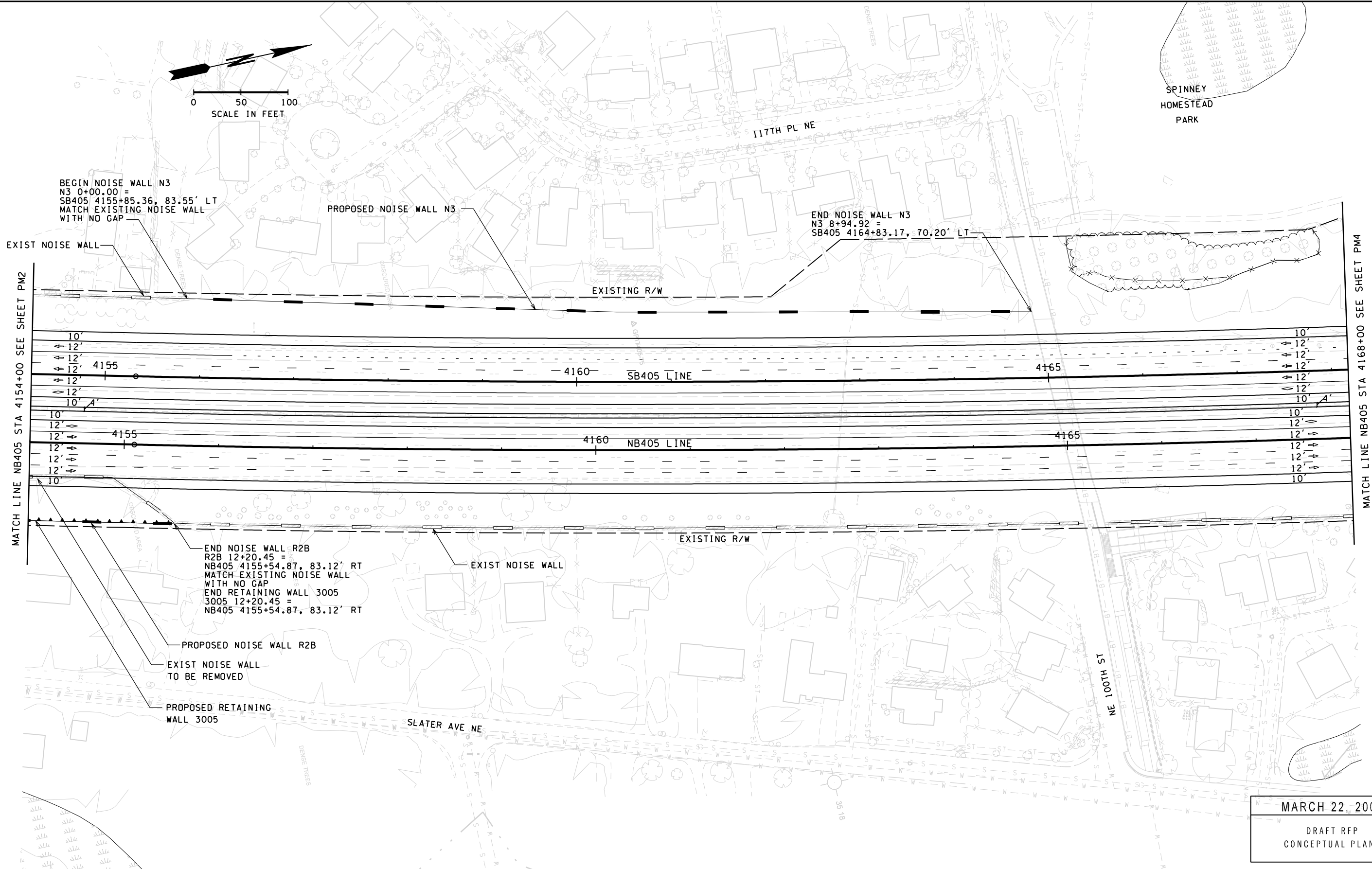
PM1

SHEET
48
OF
81
SHEETS




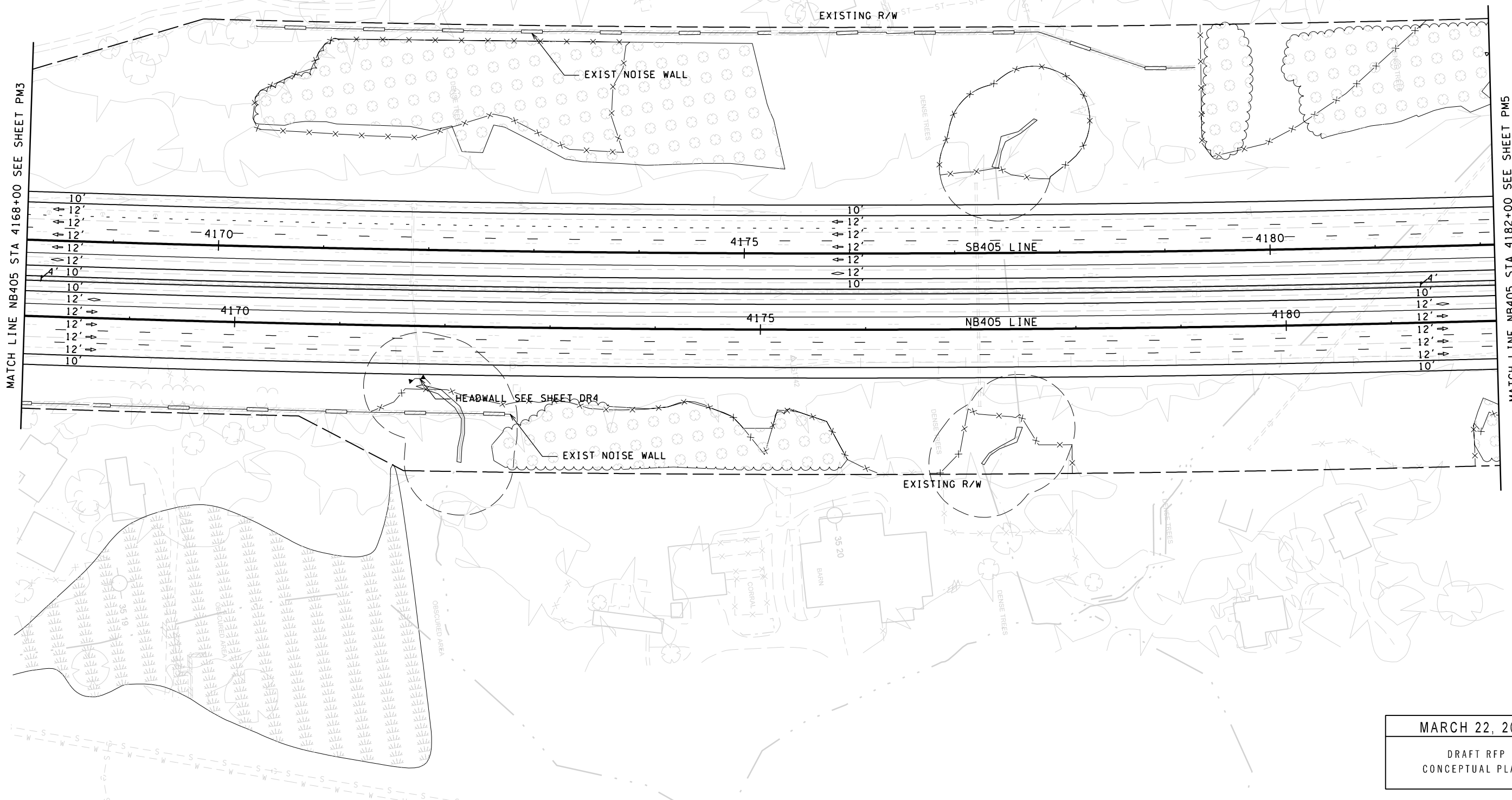
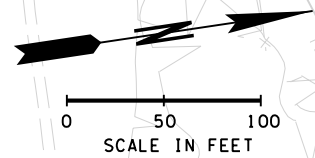
MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_ch002_stg1.dgn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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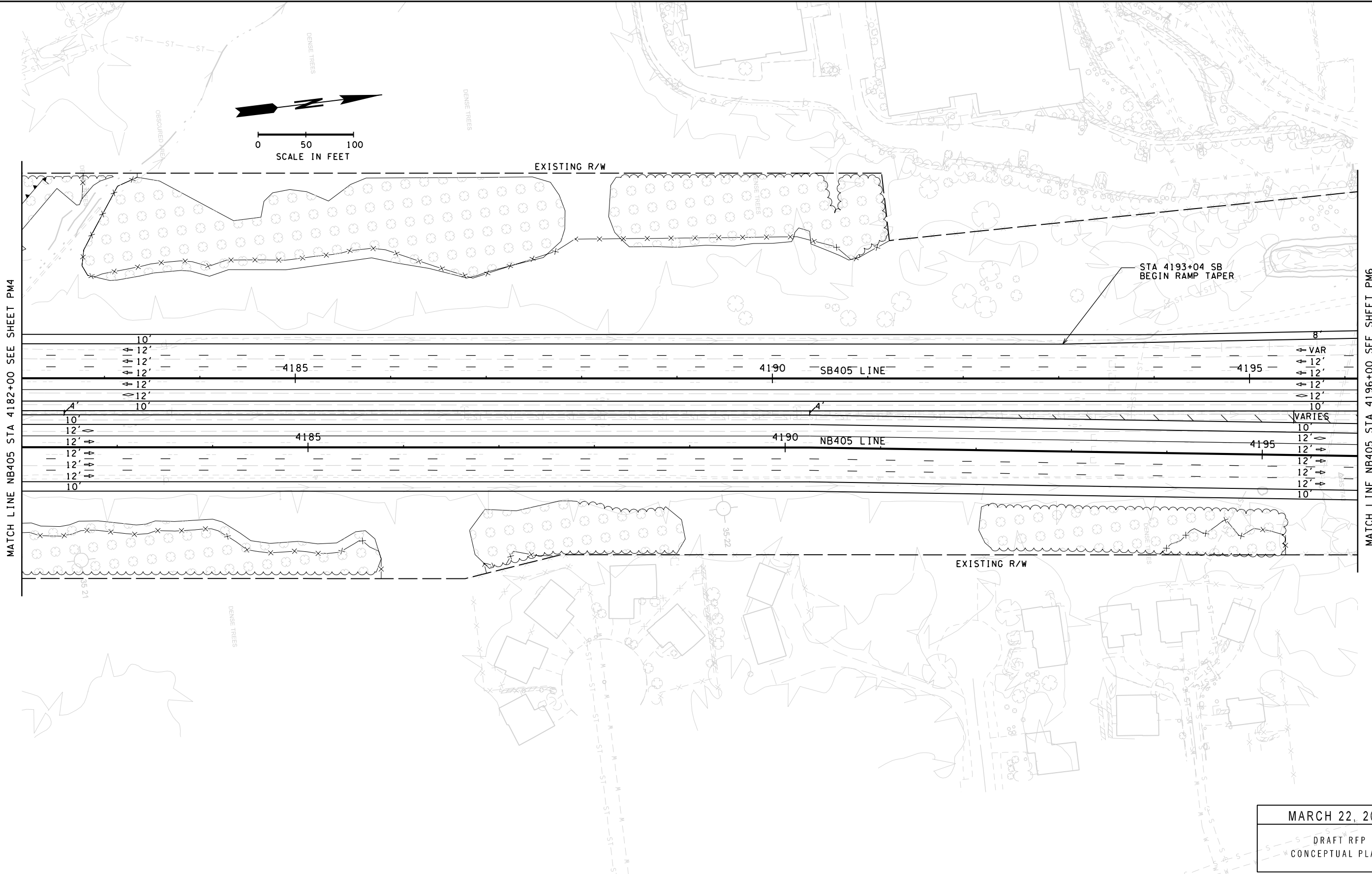
MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_ch003_stg1.dgn														 Washington State Department of Transportation		I - 405 SR 520 TO SR 522		PM3	
TIME 2:56:38 PM				REGION NO.	STATE	FED.AID PROJ.NO.			DATE		P.E. STAMP BOX								
DATE 3/16/2005				10	WASH														
PLOTTED BY chriss				JOB NUMBER															
DESIGNED BY C. BARNETT				CONTRACT NO.			LOCATION NO.			DATE		P.E. STAMP BOX		STAGE 1		SHEET 50 OF 81 SHEETS			
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE																			
REVISION				DATE		BY													



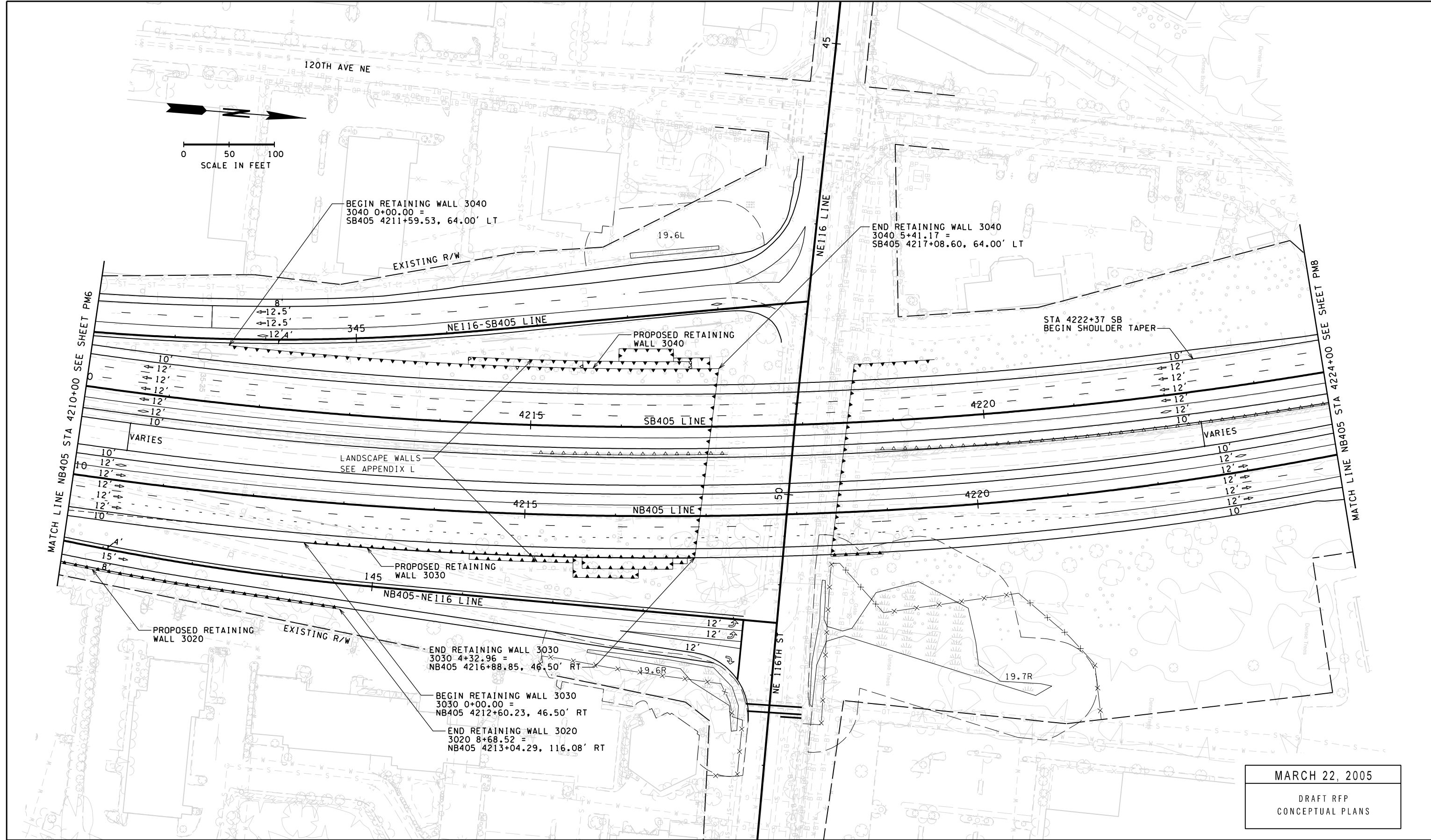
MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_ch004_stg1.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.				I-405 SR 520 TO SR 522		PM4	
TIME 2:56:50 PM				JOB NUMBER		LOCATION NO.		STAGE 1				SHEET 51 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.								PAVEMENT MARKING PLAN			
PLOTTED BY chriss				DATE		BY		P.E. STAMP BOX		P.E. STAMP BOX					
DESIGNED BY C. BARNETT				REVISION		DATE									
ENTERED BY C. SAXE															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															



MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

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MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_ch007_stg1.dgn

TIME 2:57:29 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY C. BARNETT

ENTERED BY C. SAXE

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

10

JOB NUMBER

CONTRACT NO.

LOCATION NO.

FED.AID PROJ.NO.

P.E. STAMP BOX

P.E. STAMP BOX



Washington State
Department of Transportation

I-405
SR 520 TO SR 522

STAGE 1
PAVEMENT MARKING PLAN

PM7

SHEET
54
OF
81
SHEETS

SW	5'	11'	11'	11'	11'	11'	5'	4'	8'
	BL	LN	LN	LN	LN	LN	BL	PB	SW

SECTION A

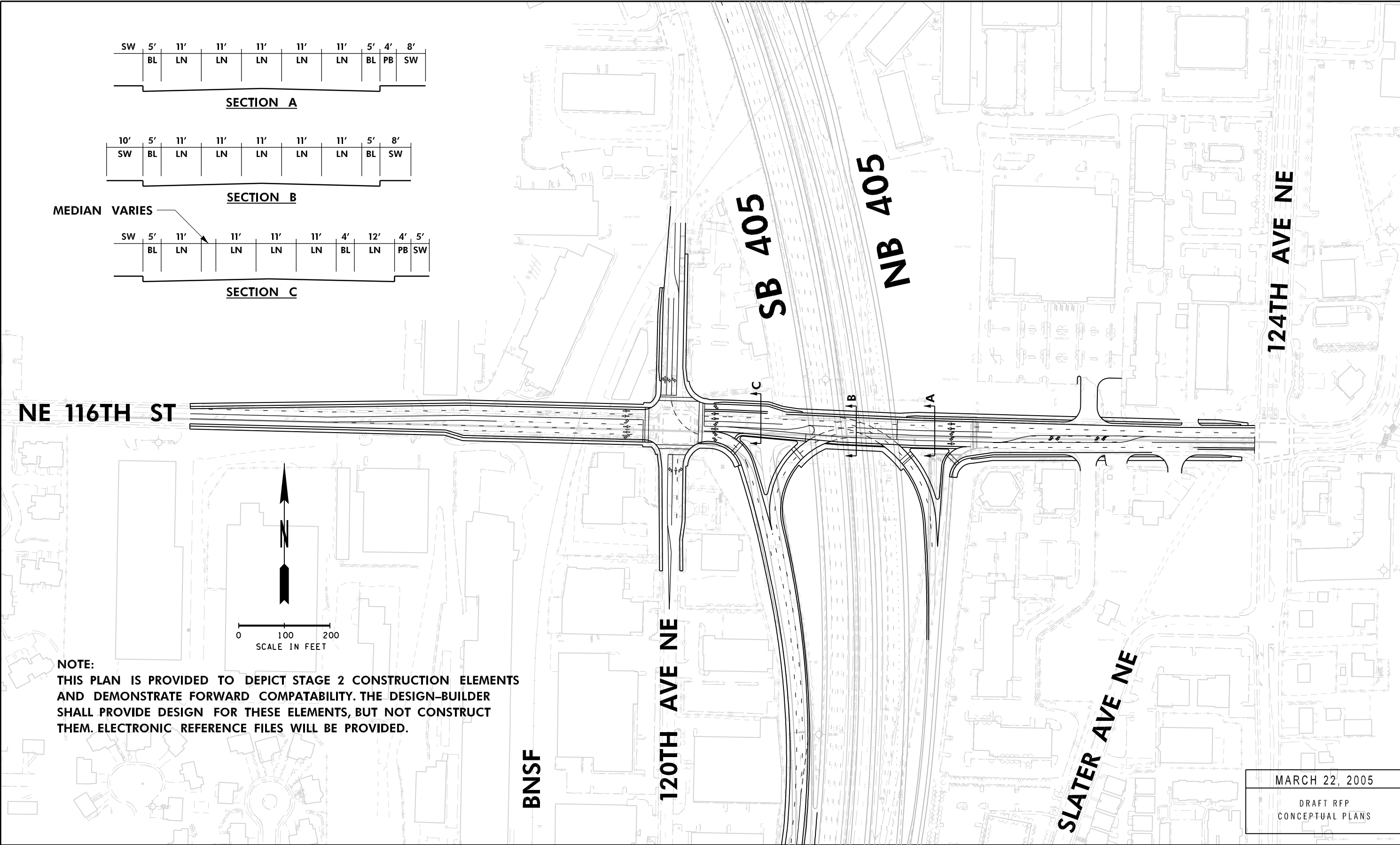
10'	5'	11'	11'	11'	11'	11'	5'	8'
SW	BL	LN	LN	LN	LN	LN	BL	SW

SECTION B

MEDIAN VARIES

SW	5'	11'	11'	11'	11'	4'	12'	4'	5'
	BL	LN	LN	LN	LN	BL	LN	PB	SW

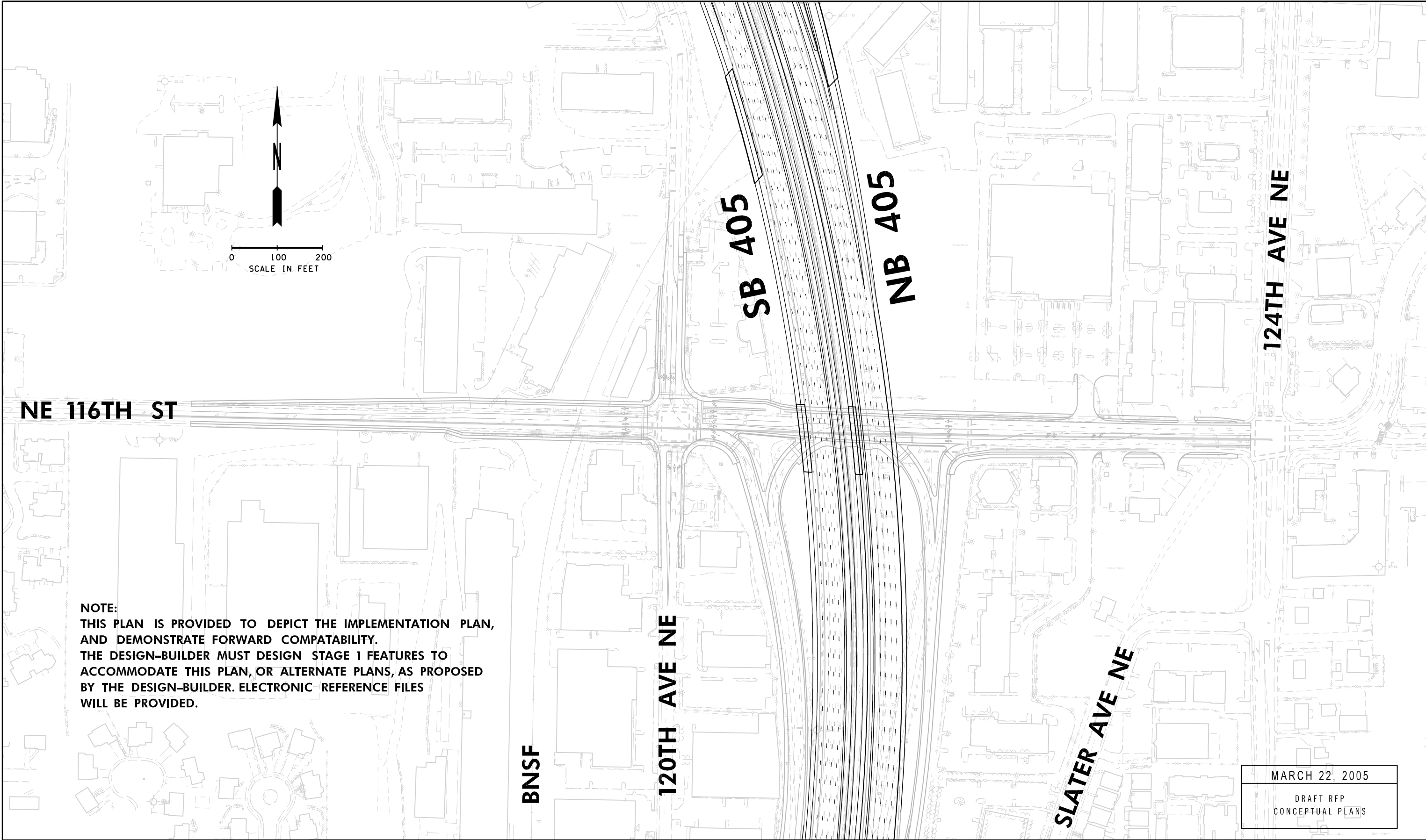
SECTION C



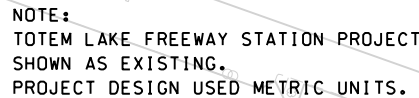
NOTE:
THIS PLAN IS PROVIDED TO DEPICT STAGE 2 CONSTRUCTION ELEMENTS
AND DEMONSTRATE FORWARD COMPATABILITY. THE DESIGN-BUILDER
SHALL PROVIDE DESIGN FOR THESE ELEMENTS, BUT NOT CONSTRUCT
THEM. ELECTRONIC REFERENCE FILES WILL BE PROVIDED.

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS


FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_116th-stg2.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		<div> <div>INTERSTATE 405</div> <div>Project Team</div> <div> </div> </div>		I-405 SR 520 TO SR 522		PM7A	
TIME 2:57:38 PM				JOB NUMBER		LOCATION NO.		STAGE 2				SHEET 55 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.						PAVEMENT MARKING PLAN					
PLOTTED BY chriss															
DESIGNED BY C. BARNETT															
ENTERED BY C. SAXE															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE				REVISION		DATE		BY							
				P.E. STAMP BOX		DATE		P.E. STAMP BOX		DATE					

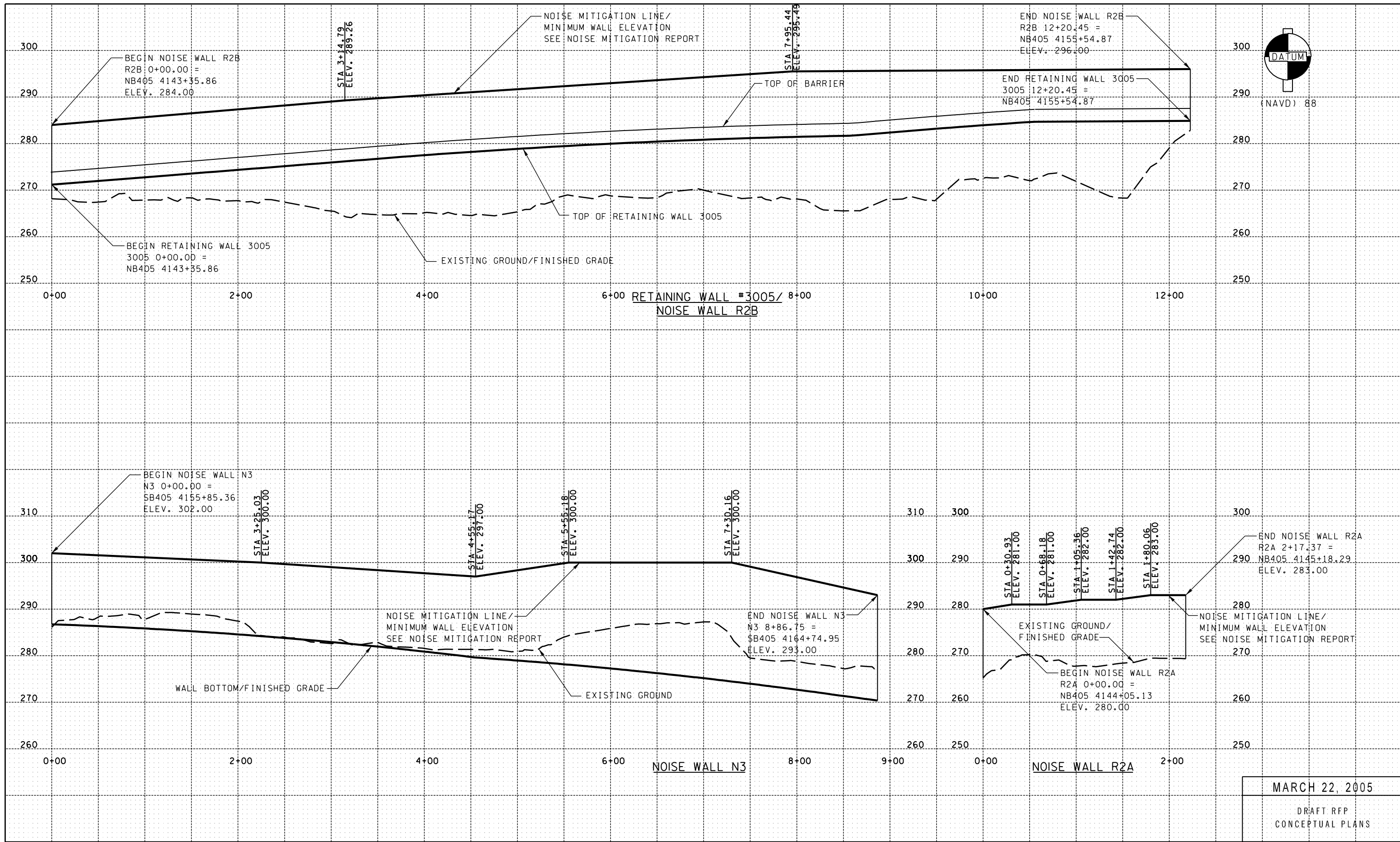


FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_116th_IMP.dgn				REGION NO. STATE 10 WASH		FED.AID PROJ.NO.		DATE		P.E. STAMP BOX		DATE		<div>INTERSTATE 405 Project Team</div> <div> Washington State Department of Transportation</div>		I-405		PM7B	
TIME 2:57:45 PM																			
DATE 3/16/2005																SHEET 56 OF 81 SHEETS			
PLOTTED BY chriss																			
DESIGNED BY C. BARNETT																			
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE																			
REVISION				DATE		BY													
IMPLEMENTATION PLAN																			
PAVEMENT MARKING PLAN																			

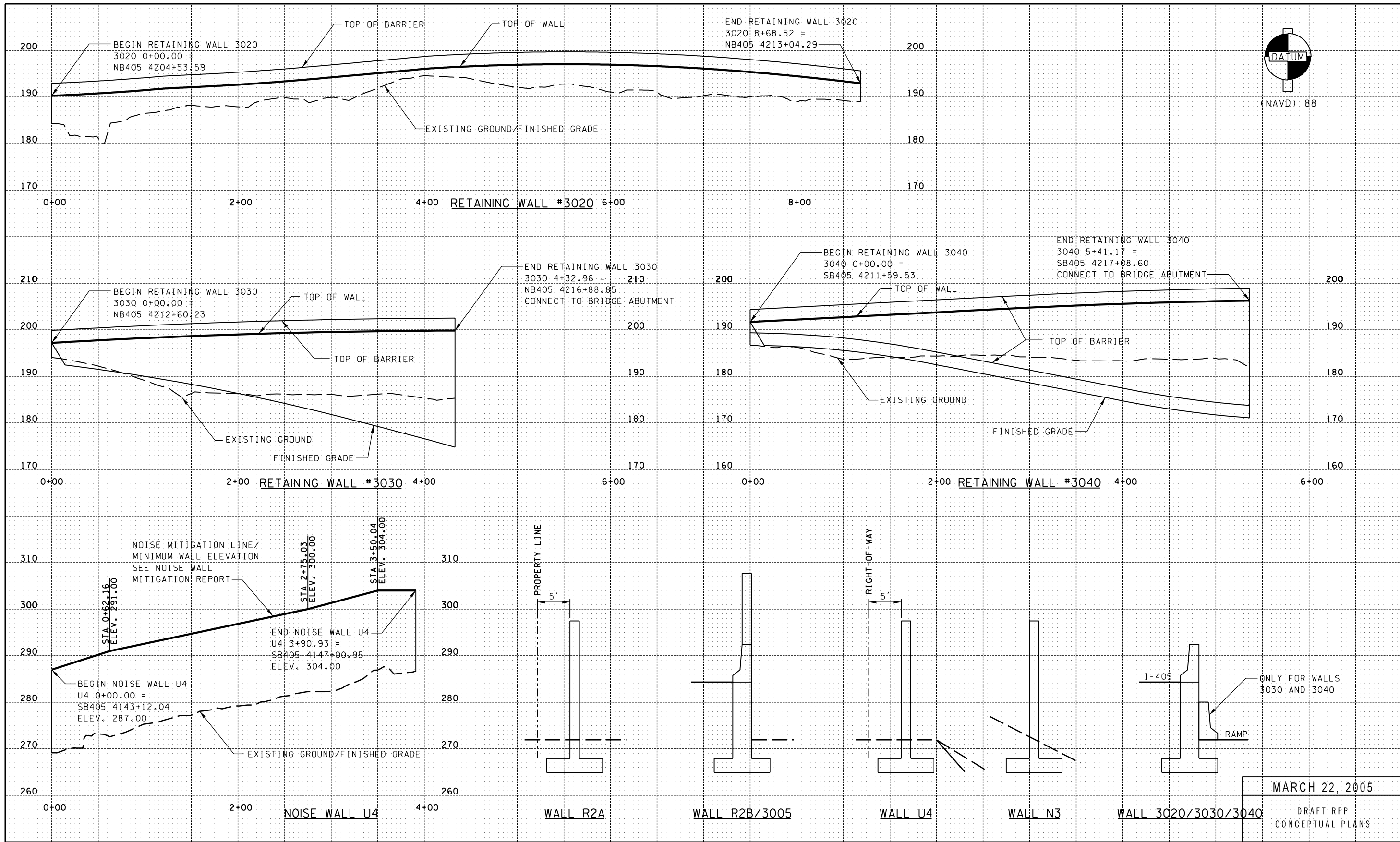


DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c-ch008_stg1.dgn														<div><div>INTERSTATE</div><div>405</div><div>Project Team</div><div> Washington State Department of Transportation</div></div>		I - 405 SR 520 TO SR 522		PM8	
TIME 2:57:54 PM				REGION NO.	STATE	FED.AID PROJ.NO.										SHEET 57 OF 81 SHEETS			
DATE 3/16/2005				10	WASH														
PLOTTED BY chriss				JOB NUMBER															
DESIGNED BY C. BARNETT				CONTRACT NO.		LOCATION NO.													
ENTERED BY C. SAXE																			
CHECKED BY W. TAYLOR																			
PROJ. ENGR. K. HENRY																			
REGIONAL ADM. D. DYE		REVISION	DATE	BY									PAVEMENT MARKING PLAN						
				DATE		DATE													
				P.E. STAMP BOX		P.E. STAMP BOX													



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rwp001.stg1.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		INTERSTATE 405 Project Team Washington State Department of Transportation		I-405 SR 520 TO SR 522		RWP1	
TIME 2:58:15 PM				JOB NUMBER		LOCATION NO.		STAGE 1				SHEET 59 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.								RETAINING AND NOISE WALL PROFILES			
PLOTTED BY chris															
DESIGNED BY C. BARNETT															
ENTERED BY C. SAXE															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															
REVISION				DATE		BY		P.E. STAMP BOX		P.E. STAMP BOX					



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_rwp002.stg1.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		INTERSTATE 405 Project Team Washington State Department of Transportation		I-405 SR 520 TO SR 522		RWP2	
TIME 2:58:19 PM				JOB NUMBER		LOCATION NO.		STAGE 1				SHEET 60 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.								RETAINING AND NOISE WALL PROFILES			
PLOTTED BY chris															
DESIGNED BY C. BARNETT															
ENTERED BY C. SAXE															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															
REVISION				DATE		BY									

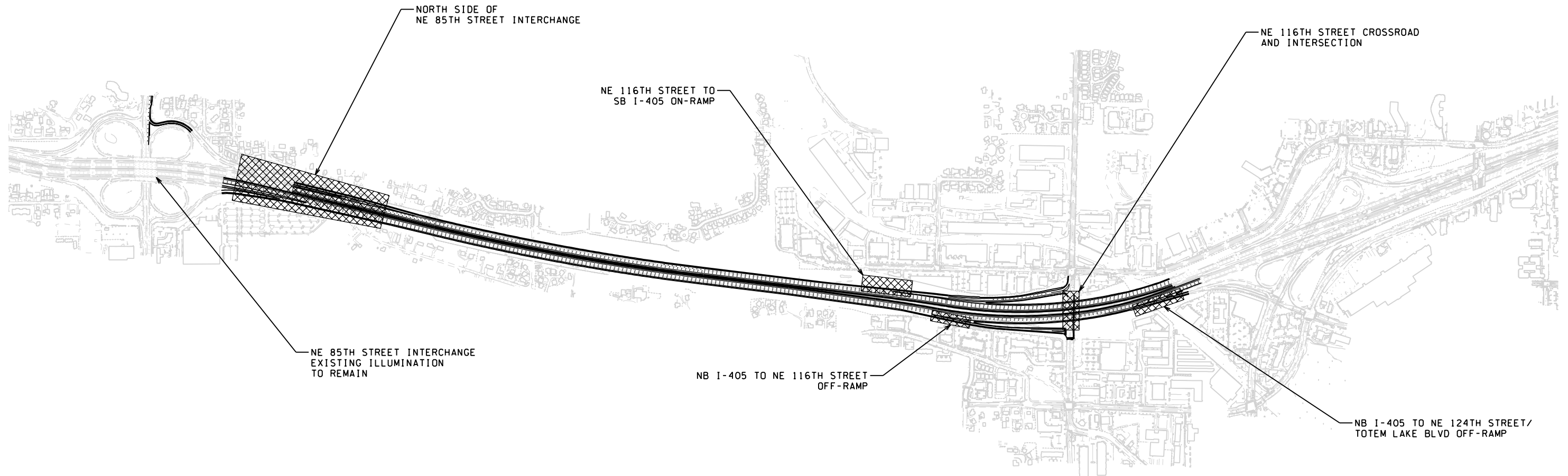


NOT TO SCALE

LEGEND:



- EXISTING LIGHTING TO BE REPLACED



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250z_11001_stg1.dgn

TIME 2:58:28 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY G. MERRILL

ENTERED BY G. MERRILL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE

10

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team



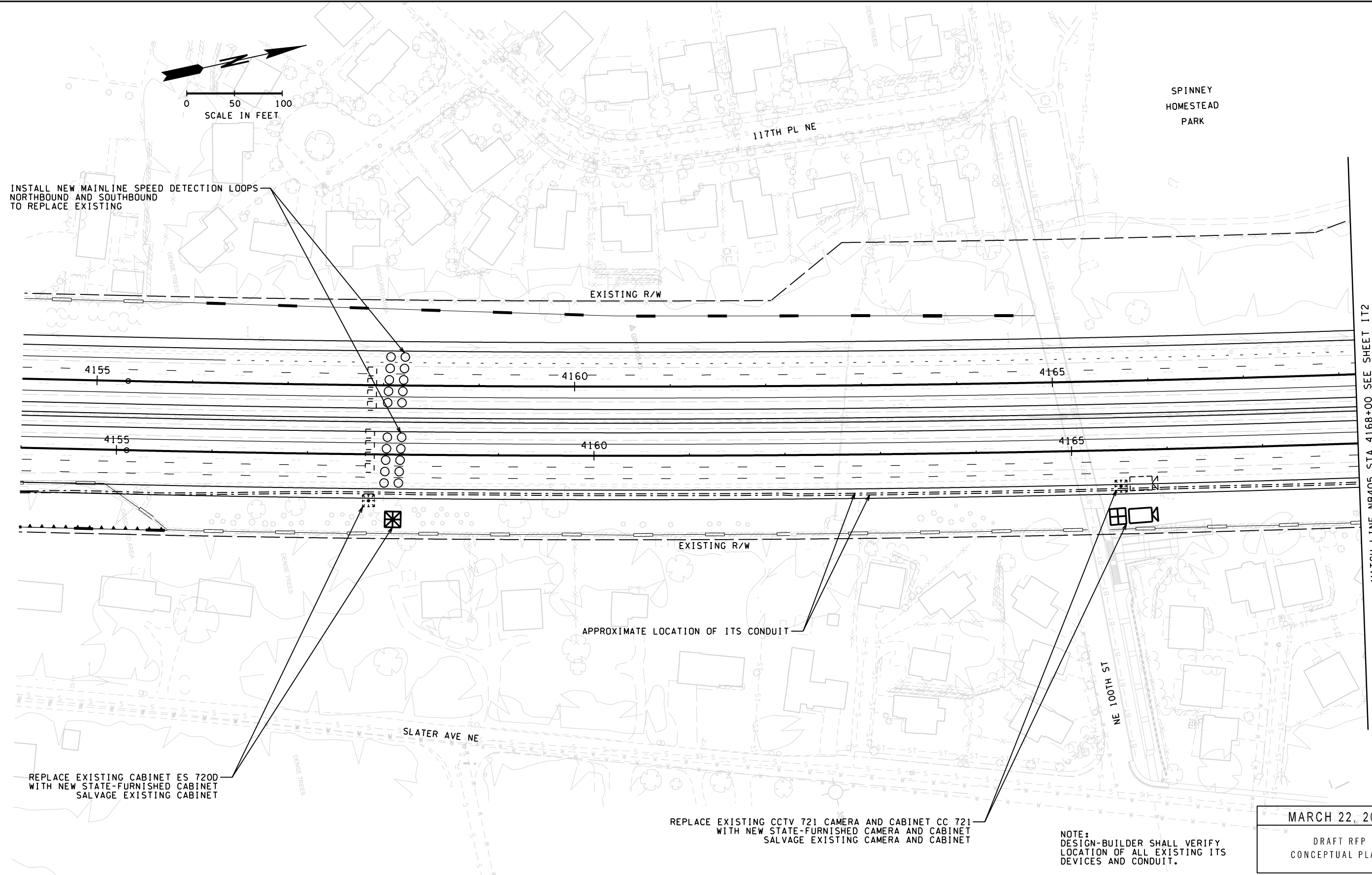
I-405
SR 520 TO SR 522

STAGE 1

ILLUMINATION PLAN


IL 1

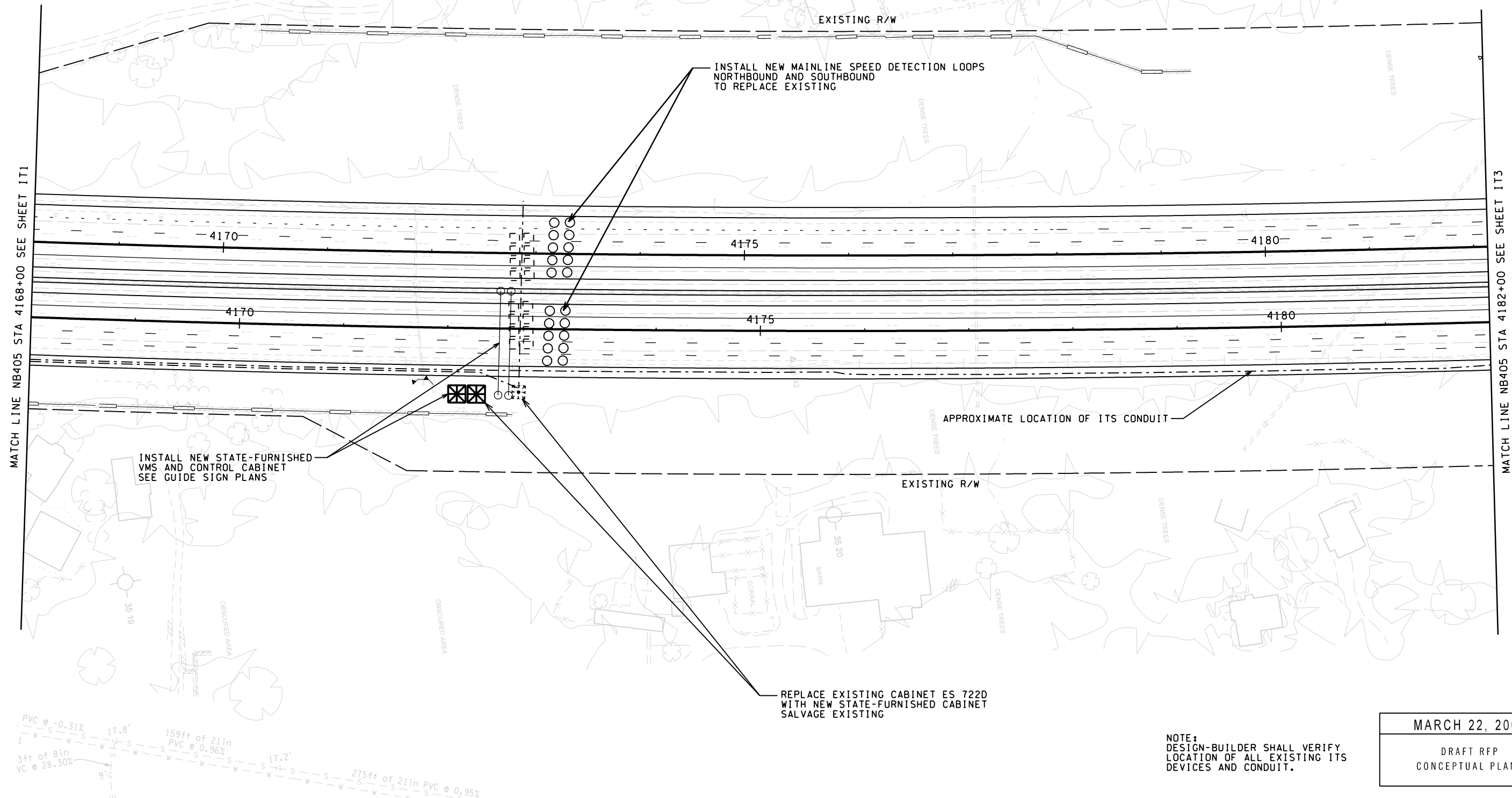
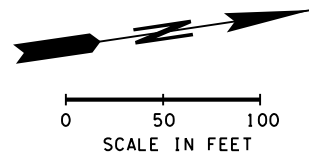
SHEET
61
OF
81
SHEETS



MATCH LINE NB405 STA 4168+00 SEE SHEET IT2

MARCH 22, 2005
DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sc001_stg1.dgn										FED.AID PROJ.NO.		P.E. STAMP BOX		P.E. STAMP BOX		<div><div>INTERSTATE</div><div>405</div><div>Project Team</div><div> Washington State Department of Transportation</div></div>		I-405		IT1	
TIME 2:58:49 PM						SR 520 TO SR 522															
DATE 3/16/2005						STAGE 1															
PLOTTED BY chriss						ITS PLAN															
DESIGNED BY G. MERRILL				REGION NO. 10		STATE WASH															
ENTERED BY G. MERRILL				JOB NUMBER																	
CHECKED BY W. TAYLOR				CONTRACT NO.				LOCATION NO.													
PROJ. ENGR. K. HENRY																					
REGIONAL ADM. D. DYE		REVISION		DATE		BY															



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sc002_stg1.dgn

TIME 2:59:03 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY G. MERRILL

ENTERED BY G. MERRILL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE
NO.

10 WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE

INTERSTATE
405

Project Team



Washington State
Department of Transportation

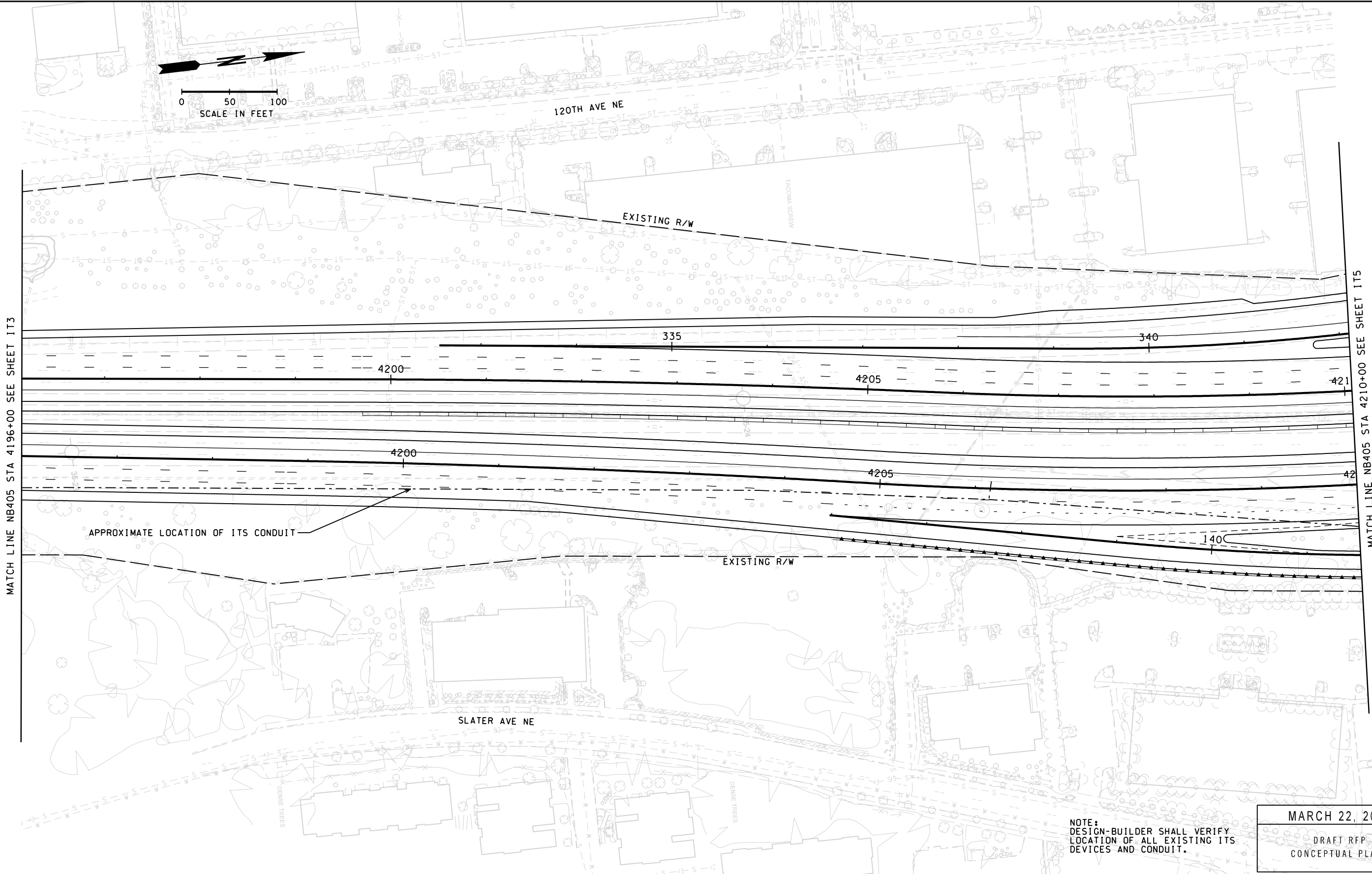
I-405
SR 520 TO SR 522

STAGE 1

ITS PLAN

IT2


SHEET
63
OF
81
SHEETS

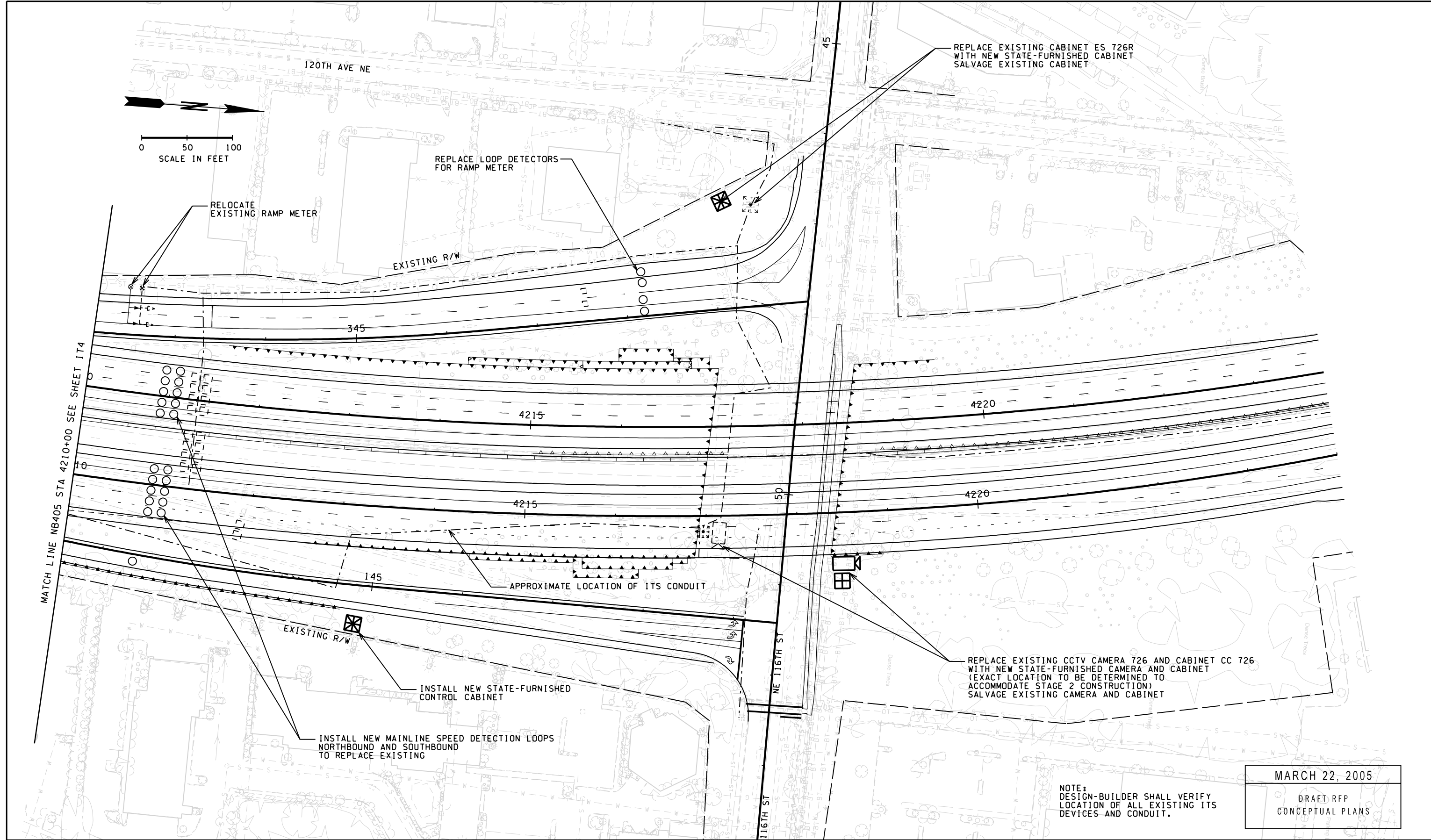


NOTE:
DESIGN-BUILDER SHALL VERIFY
LOCATION OF ALL EXISTING ITS
DEVICES AND CONDUIT.

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sc004_stg1.dgn										<div>DATE</div> <div>P.E. STAMP BOX</div>		<div>DATE</div> <div>P.E. STAMP BOX</div>		<div><div>INTERSTATE</div><div>405</div><div>Project Team</div><div> Washington State Department of Transportation</div></div>		I - 405 SR 520 TO SR 522		IT4			
TIME 2:59:29 PM						REGION NO.		STATE								FED.AID PROJ.NO.					
DATE 3/16/2005						10		WASH													
PLOTTED BY chriss																					
DESIGNED BY G. MERRILL								JOB NUMBER								LOCATION NO.					
ENTERED BY G. MERRILL																					
CHECKED BY W. TAYLOR								CONTRACT NO.													
PROJ. ENGR. K. HENRY																					
REGIONAL ADM. D. DYE		REVISION		DATE		BY															
														SHEET 65 OF 81 SHEETS							



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sc005_stg1.dgn

TIME 2:59:43 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY G. MERRILL

ENTERED BY G. MERRILL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

10 WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Project Team

Washington State Department of Transportation

I-405
SR 520 TO SR 522

STAGE 1

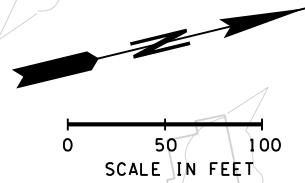
ITS PLAN

IT5

SHEET
66
OF
81
SHEETS

MATCH LINE NB405 STA 4140+00 SEE SHEET SG1

MATCH LINE NB405 STA 4154+00 SEE SHEET SG3



EXIT 17
N.E. 70th Pl.
1 MILE

EXIT 18
Redmond
N.E. 85th St.
Kirkland

REMOVE EXISTING SIGNS
REMOVE AND SALVAGE MONOTUBE
SIGN STRUCTURE

BUSES AND
TRUCKS
CAR POOL ONLY

EXISTING R/W

EXIT 18
NE 85th St
Kirkland
EXIT ONLY
NEW
MONOTUBE CANTILEVER

NE 95TH ST

EXIT 20 A - B
NE 116th St
NE 124th St
1 MILE
EXIT ONLY

SLATER AVE NE

NEW
MONOTUBE CANTILEVER

EXISTING R/W

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

SEE SHEET T2 FOR SIGNING PLAN NOTES.

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sg002_stg1.dgn

TIME 3:00:09 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY G. MERRILL

ENTERED BY G. MERRILL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO. 10

STATE
WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

P.E. STAMP BOX



I-405
SR 520 TO SR 522

STAGE 1

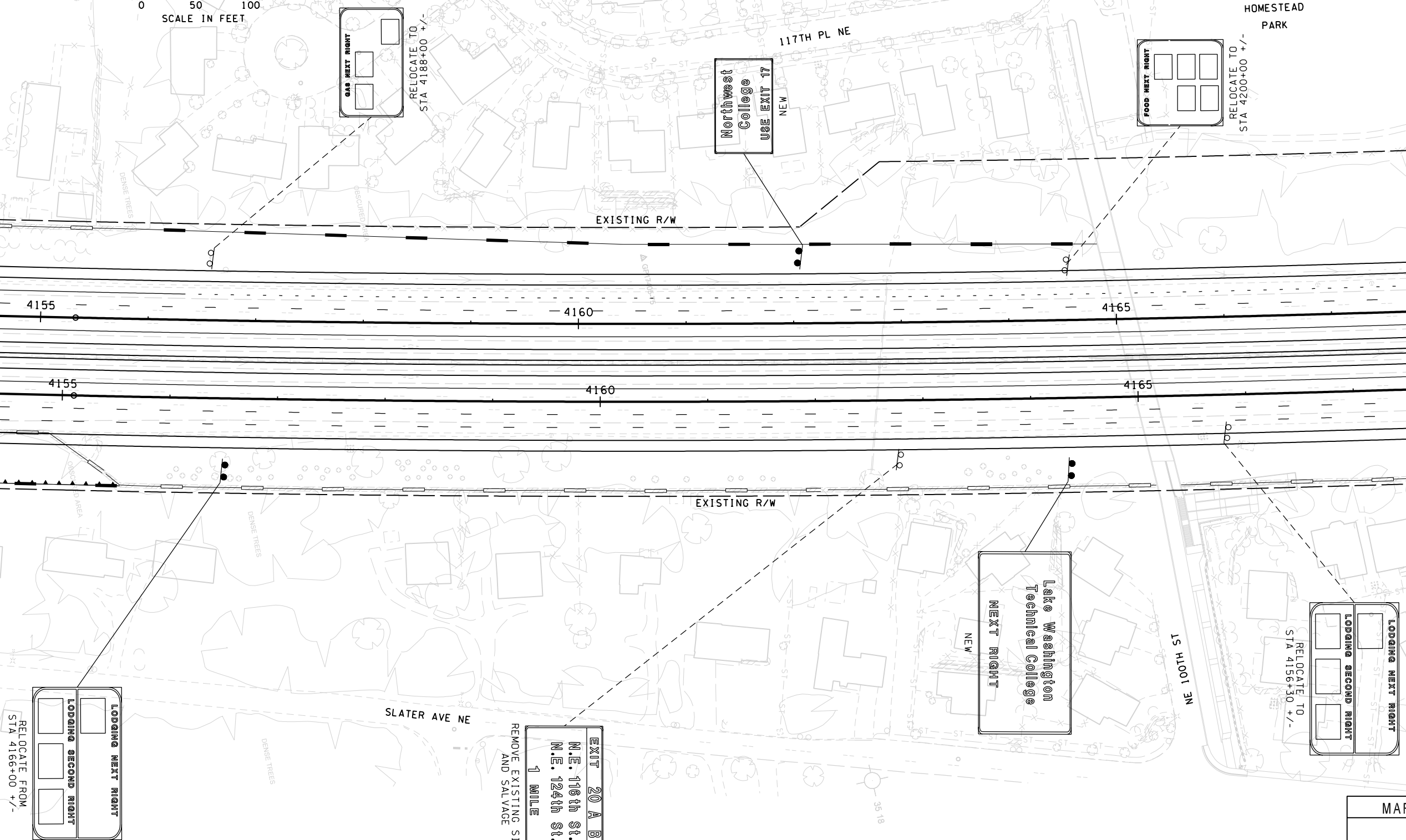
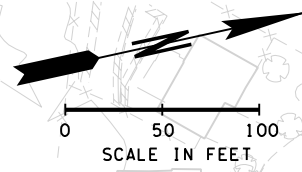
GUIDE SIGN PLAN

SG2

SHEET
68
OF
81
SHEETS

MATCH LINE NB405 STA 4154+00 SEE SHEET SG2

MATCH LINE NB405 STA 4168+00 SEE SHEET SG4



SPINNEY
HOMESTEAD
PARK

Northwest
College
USE EXIT 17

Lake Washington
Technical College
NEXT RIGHT

LODGING NEXT RIGHT
LODGING SECOND RIGHT

LODGING NEXT RIGHT
LODGING SECOND RIGHT

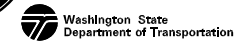
EXIT 20 A B
N.E. 116th St.
N.E. 124th St.
1 MILE

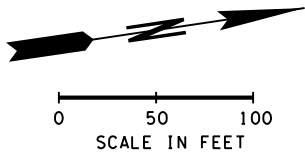
REMOVE EXISTING SIGN
AND SALVAGE

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

SEE SHEET T2 FOR SIGNING PLAN NOTES.

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sg003_stg1.dgn										FED.AID PROJ.NO.		DATE		P.E. STAMP BOX		DATE		<div><div>INTERSTATE</div><div>405</div><div>Project Team</div><div> Washington State Department of Transportation</div></div>		I-405 SR 520 TO SR 522		SG3											
TIME 3:00:21 PM				REGION NO. STATE																													
DATE 3/16/2005				10 WASH				JOB NUMBER														LOCATION NO.		DATE		P.E. STAMP BOX		DATE		STAGE 1		SHEET 69 OF 81 SHEETS	
PLOTTED BY chris																																	
DESIGNED BY G. MERRILL																																	
ENTERED BY G. MERRILL																																	
CHECKED BY W. TAYLOR																																	
PROJ. ENGR. K. HENRY																																	
REGIONAL ADM. D. DYE				REVISION		DATE		BY																									



MATCH LINE NB405 STA 4168+00 SEE SHEET SG3

MATCH LINE NB405 STA 4182+00 SEE SHEET SG5

EAST
Redmond
NEXT EXIT
NEW

SEAT BELTS
MUST BE WORN
\$101 FINE
CLICK-IT OR TICKET
REMOVE EXISTING SIGN

Northwest
College
USE EXIT 17
REMOVE EXISTING SIGN
AND SALVAGE

EXIT 18
NE 85th St
Kirkland
1/2 MILE
EXIT ONLY

EXIT 17
NE 70th PI
1 1/2 MILE

ONLY
5AM - 7PM

NEW
MONOTUBE SIGN BRIDGE

4170

4175

4180

4170

4175

4180

ONLY
5AM - 7PM

VMS

NEW
MONOTUBE SIGN BRIDGE

SEAT BELTS
MUST BE WORN
\$101 FINE
CLICK-IT OR TICKET
REMOVE EXISTING SIGN

Totem Lake Blvd.
HOSPITAL
EXIT 20 B
REMOVE EXISTING SIGN
AND SALVAGE

Totem Lake Blvd
EXIT 20 B
NEW

H

SEE SHEET T2 FOR SIGNING PLAN NOTES.

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sg004_stg1.dgn

TIME 3:00:34 PM

DATE 3/16/2005

PLOTTED BY chris

DESIGNED BY G. MERRILL

ENTERED BY G. MERRILL

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION
NO. 10

STATE
WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

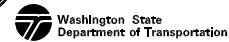
DATE

P.E. STAMP BOX

DATE



Project Team



I-405
SR 520 TO SR 522

STAGE 1

GUIDE SIGN PLAN

SG4

SHEET
70
OF
81
SHEETS

MATCH LINE NB405 STA 4196+00 SEE SHEET SG5

MATCH LINE NB405 STA 4210+00 SEE SHEET SG7

0 50 100
SCALE IN FEET

FOOD NEXT RIGHT

RELOCATE FROM
STA 4164+50 +/-

120TH AVE NE

EXISTING R/W

335

340

4200

4205

421

4200

4205

42

EXISTING R/W

NE 128th St
LEFT 1/2 MILE
ONLY

EXIT 20 B
NE 124th St
Totem Lake Blvd
EXIT ONLY

EXIT 20 A
NE 116th St

NEW
MONOTUBE SIGN BRIDGE
SEE NOTE 7

REMOVE EXISTING SIGN
REMOVE AND SALVAGE MONOTUBE
SIGN STRUCTURE

EXIT 20 B
N.E. 124th St.
1/4 MILE
EXIT 20 A
N.E. 116th St.

SLATER AVE NE

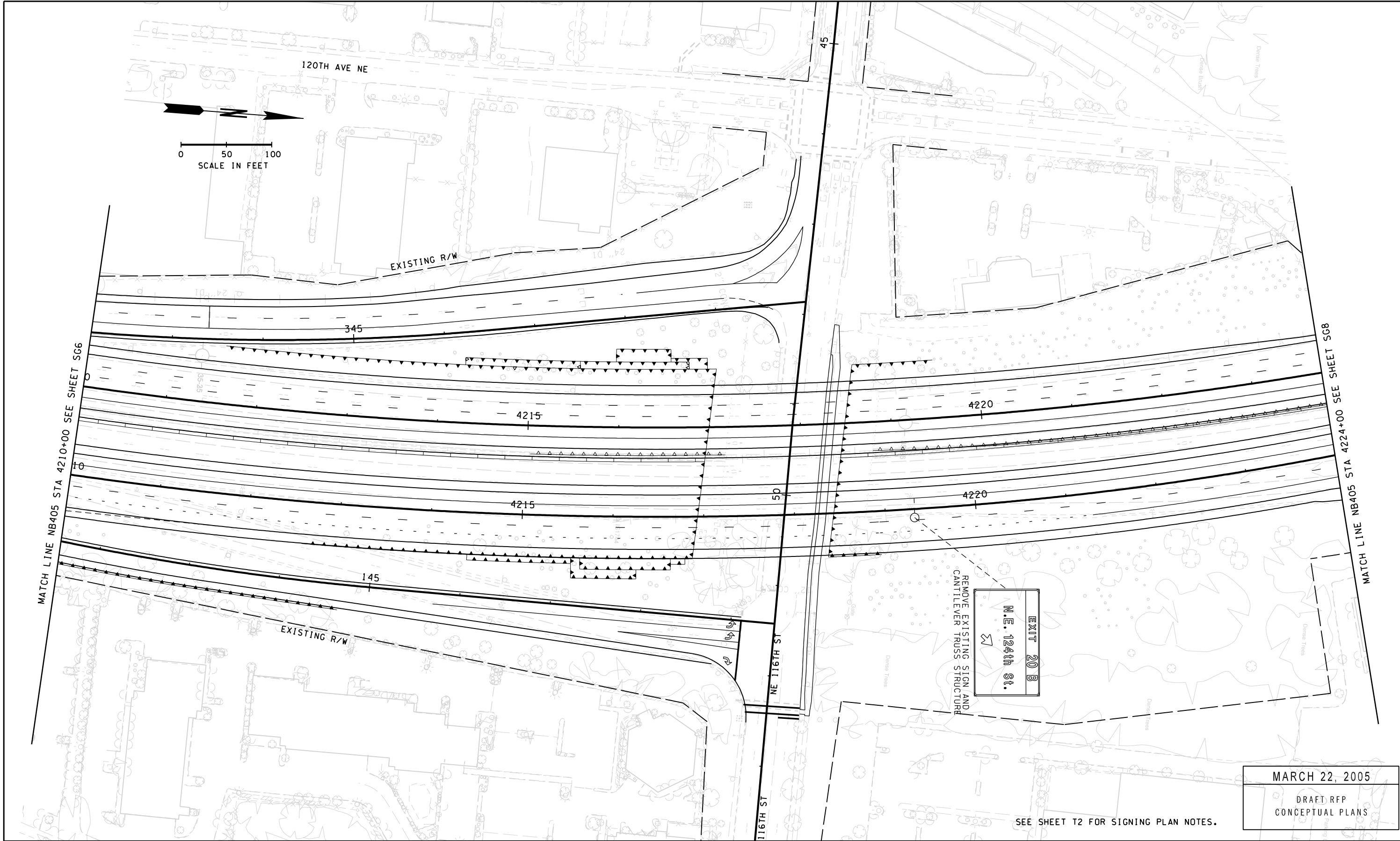
GAS NEXT RIGHT
GAS SECOND RIGHT
RELOCATE

MARCH 22, 2005

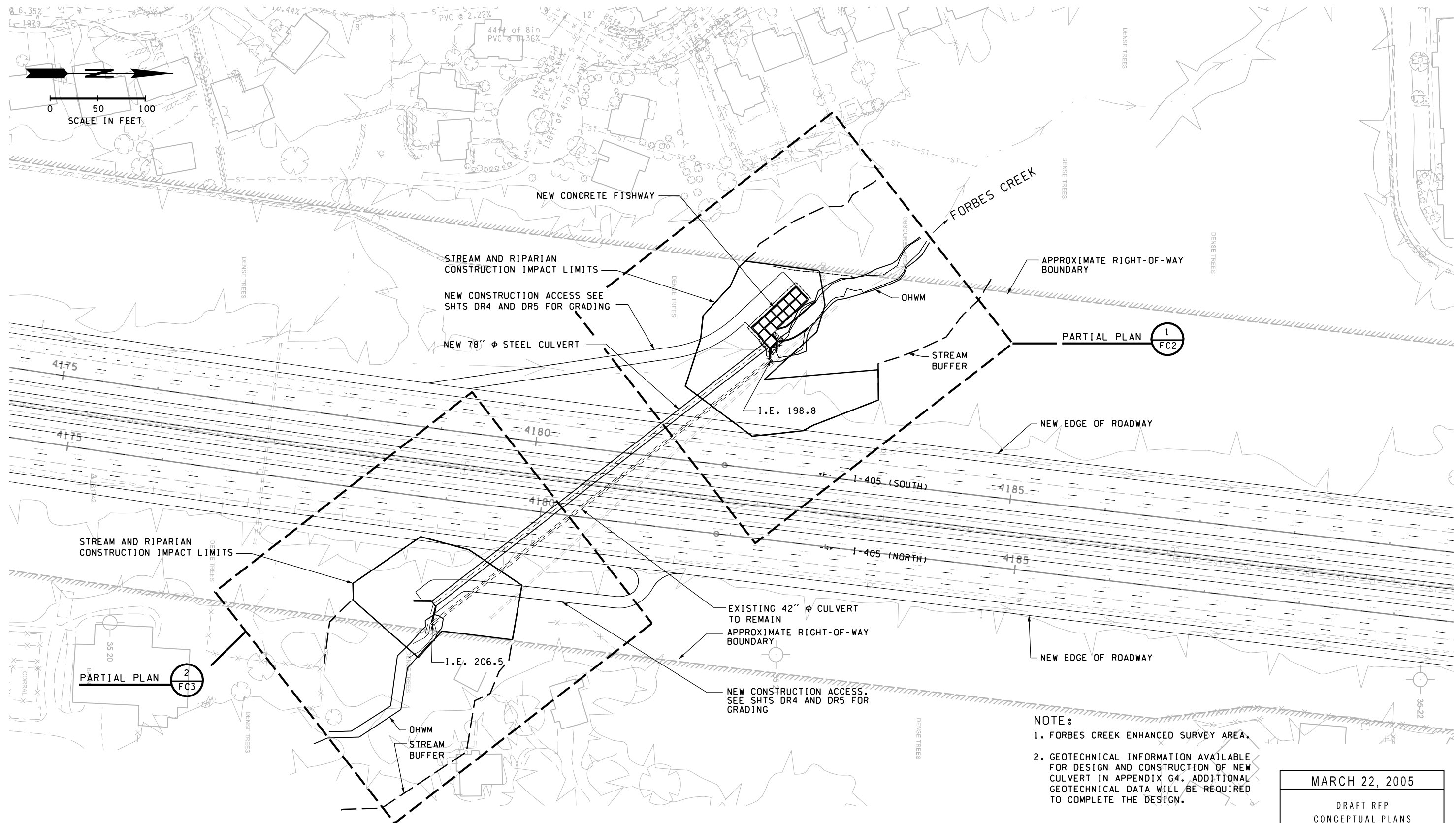
DRAFT RFP
CONCEPTUAL PLANS

SEE SHEET T2 FOR SIGNING PLAN NOTES.

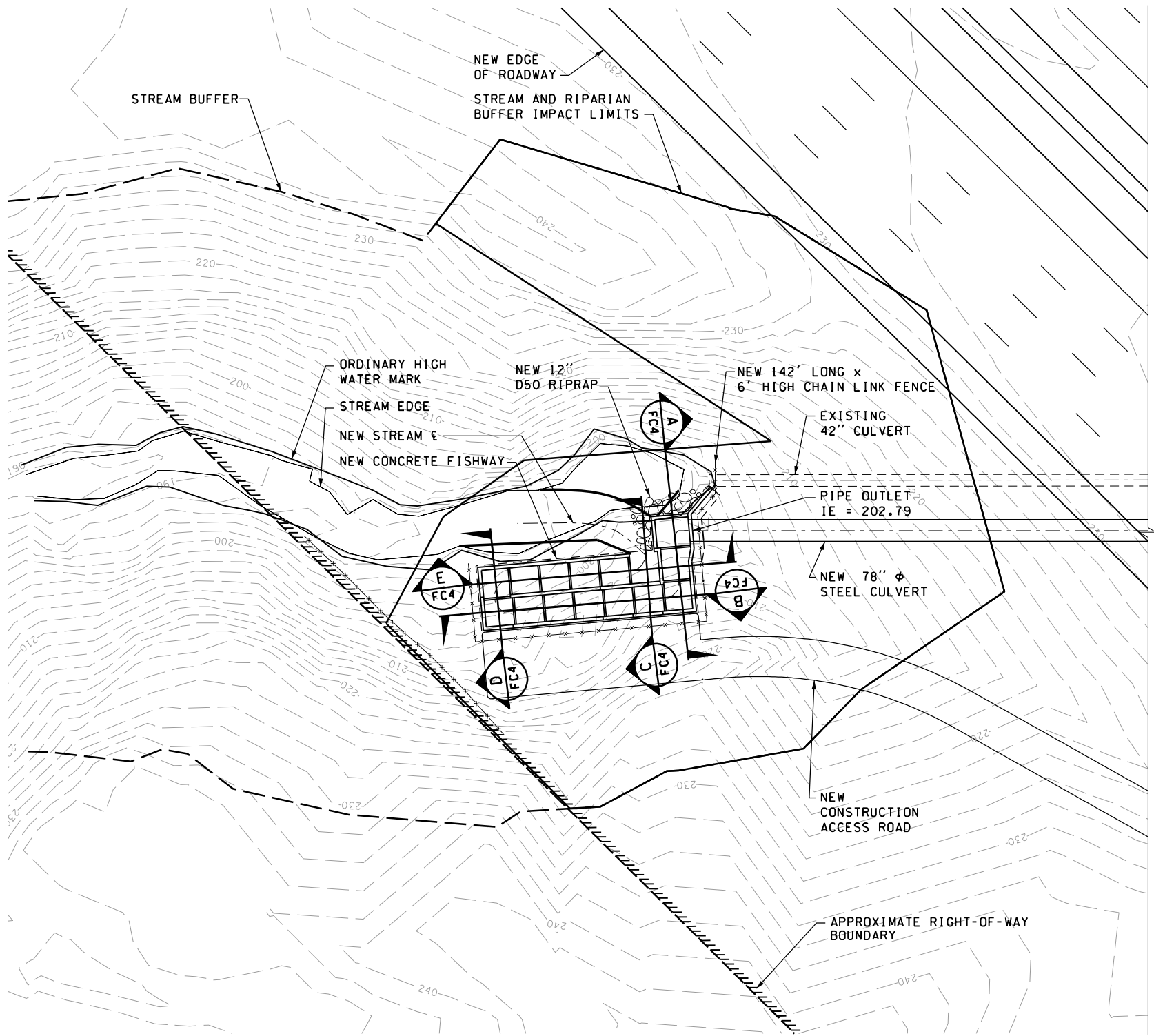
FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sg006_stg1.dgn				REGION NO. STATE		FED.AID PROJ.NO.		INTERSTATE 405 Project Team		I-405 SR 520 TO SR 522		SG6	
TIME 3:00:58 PM				10 WASH				Washington State Department of Transportation		STAGE 1		SHEET 72 OF 81 SHEETS	
DATE 3/16/2005				JOB NUMBER						GUIDE SIGN PLAN			
PLOTTED BY chriss				CONTRACT NO.		LOCATION NO.							
DESIGNED BY G. MERRILL													
ENTERED BY G. MERRILL													
CHECKED BY W. TAYLOR													
PROJ. ENGR. K. HENRY													
REGIONAL ADM. D. DYE													
REVISION				DATE		BY		P.E. STAMP BOX		P.E. STAMP BOX			



FILE NAME PW:\Engineering\003\drawings\sheets\3ps158a250c_sg007_stg1.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.		INTERSTATE 405 Project Team		I-405 SR 520 TO SR 522		SG7	
TIME 3:01:11 PM				JOB NUMBER											
DATE 3/16/2005				CONTRACT NO.				LOCATION NO.							
PLOTTED BY chriss															
DESIGNED BY G. MERRILL															
ENTERED BY G. MERRILL															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															
REVISION				DATE		BY		P.E. STAMP BOX		DATE		P.E. STAMP BOX		DATE	
												STAGE 1		SHEET 73 OF 81 SHEETS	
												GUIDE SIGN PLAN			

[illegible]

- NOTE:
1. FORBES CREEK ENHANCED SURVEY AREA.
 2. GEOTECHNICAL INFORMATION AVAILABLE FOR DESIGN AND CONSTRUCTION OF NEW CULVERT IN APPENDIX G4. ADDITIONAL GEOTECHNICAL DATA WILL BE REQUIRED TO COMPLETE THE DESIGN.



PARTIAL PLAN

1
FC1

0 20 40
SCALE IN FEET

MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps191a192f_fc002.dgn

TIME 3:02:03 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY J. NELSON

ENTERED BY X. BERMUDEZ

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REVISION

DATE

BY

REGION NO.

10

STATE

WASH

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



I-405

SR 520 TO SR 522

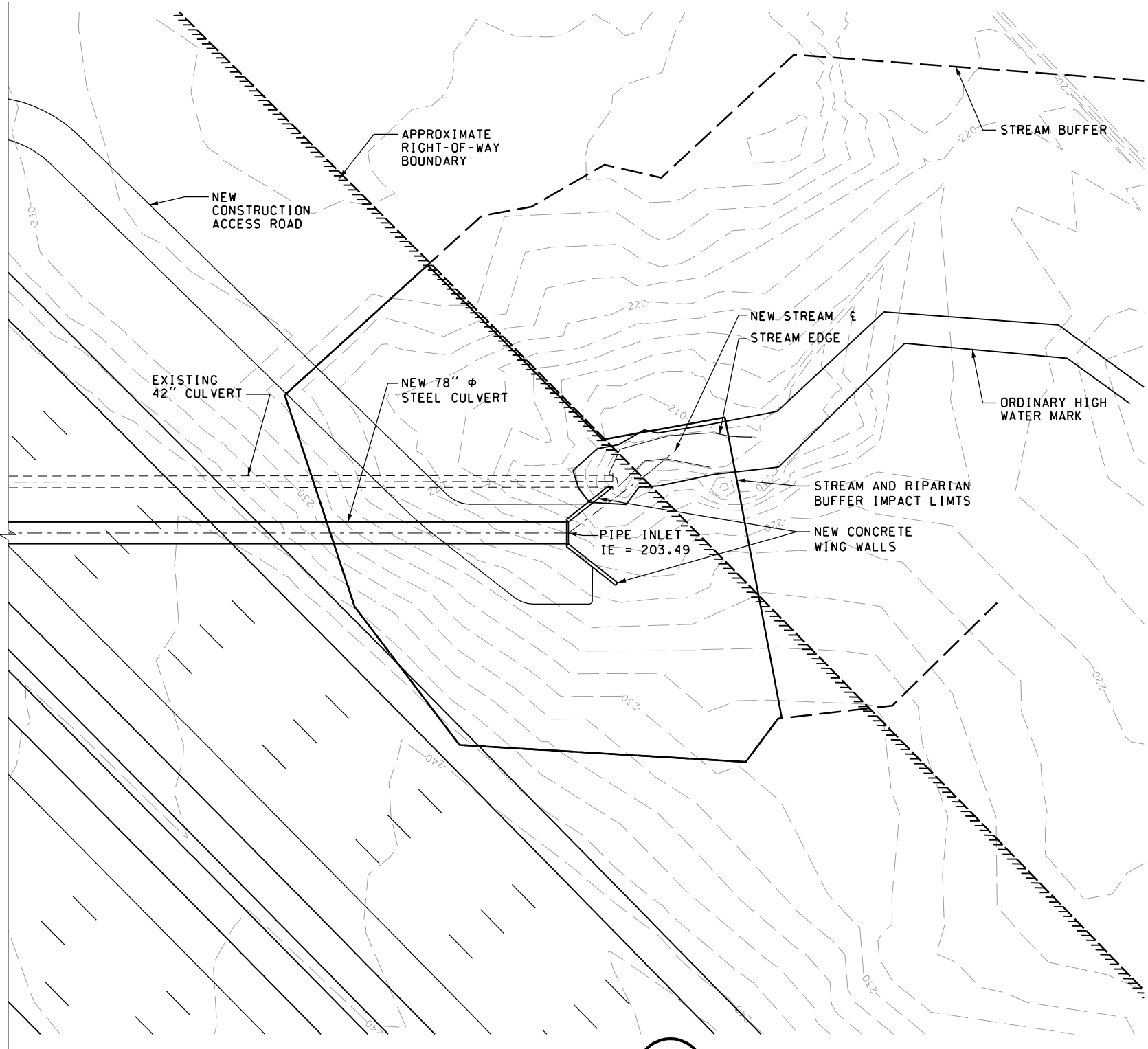
STAGE 1

FORBES CREEK CULVERT & FISHWAY-PLANS

FC2

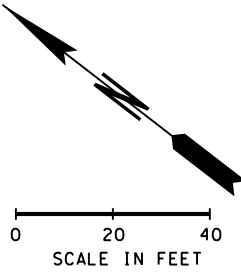
SHEET
78
OF
81
SHEETS

- NOTE:
- 1. FORBES CREEK ENHANCED SURVEY AREA.
 - 2. GEOTECHNICAL INFORMATION AVAILABLE FOR DESIGN AND CONSTRUCTION OF NEW CULVERT IN APPENDIX G4. ADDITIONAL GEOTECHNICAL DATA WILL BE REQUIRED TO COMPLETE THE DESIGN.



PARTIAL PLAN

2
FC1



MARCH 22, 2005

DRAFT RFP
CONCEPTUAL PLANS

FILE NAME PW:\Engineering\003\drawings\sheets\3ps191a192f_fc003.dgn

TIME 3:02:07 PM

DATE 3/16/2005

PLOTTED BY chriss

DESIGNED BY J. NELSON

ENTERED BY X. BERMUDEZ

CHECKED BY W. TAYLOR

PROJ. ENGR. K. HENRY

REGIONAL ADM. D. DYE

REGION
NO.

STATE

FED.AID PROJ.NO.

10

WASH

JOB NUMBER

CONTRACT NO.

LOCATION NO.

REVISION

DATE

BY

P.E. STAMP BOX

DATE

P.E. STAMP BOX

DATE



Washington State
Department of Transportation

I-405

SR 520 TO SR 522

STAGE 1

FORBES CREEK CULVERT & FISHWAY-PLANS

FC3

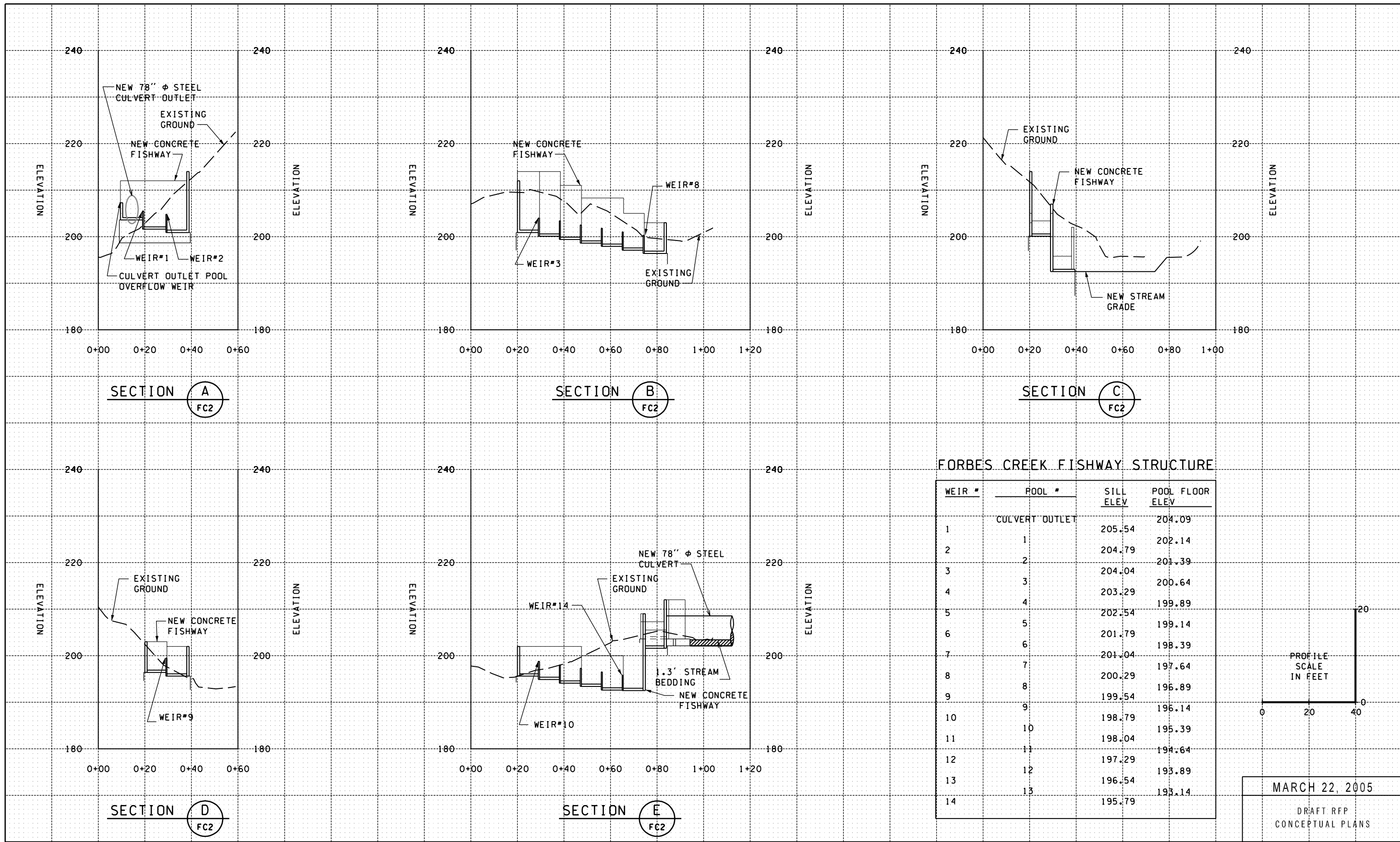
SHEET

79

OF

81

SHEETS



FILE NAME PW:\Engineering\003\drawings\sheets\3ps191a192f_fc004.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.	
TIME 3:02:12 PM				JOB NUMBER					
DATE 3/16/2005				CONTRACT NO.		LOCATION NO.			
PLOTTED BY chriss									
DESIGNED BY J. NELSON									
ENTERED BY X. BERMUDEZ									
CHECKED BY W. TAYLOR									
PROJ. ENGR. K. HENRY									
REGIONAL ADM. D. DYE									
REVISION				DATE		BY			

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

INTERSTATE

405

Project Team

Washington State Department of Transportation

I-405

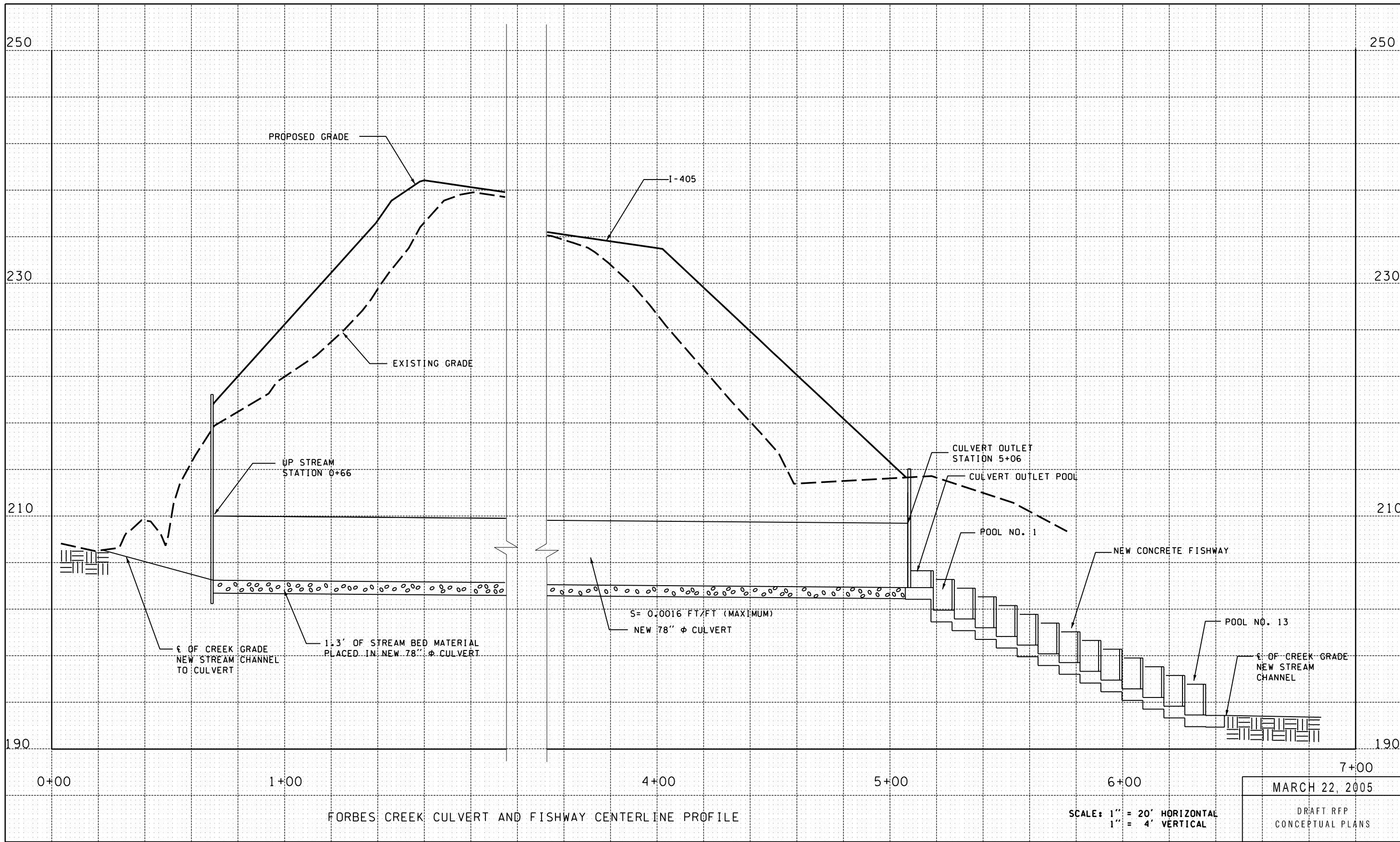
SR 520 TO SR 522


STAGE 1

FORBES CREEK CULVERT & FISHWAY-SECTIONS

FC4

SHEET 80 OF 81 SHEETS



FILE NAME PW:\Engineering\003\drawings\sheets\3ps191a192f_fc005.dgn				REGION NO. 10		STATE WASH		FED.AID PROJ.NO.				I-405		FC5	
TIME 3:02:16 PM				JOB NUMBER		LOCATION NO.		SR 520 TO SR 522				SHEET 81 OF 81 SHEETS			
DATE 3/16/2005				CONTRACT NO.						Washington State Department of Transportation		STAGE 1			
PLOTTED BY chris												FORBES CREEK CULVERT & FISHWAY-PROFILE			
DESIGNED BY J. NELSON															
ENTERED BY X. BERMUDEZ															
CHECKED BY W. TAYLOR															
PROJ. ENGR. K. HENRY															
REGIONAL ADM. D. DYE															
REVISION				DATE		BY									